FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

[The MINING JOURNAL is Registered at the General Post Office as a Newspaper, and for Transmission Abroad.]

No. 2492.—Vol. LIII.

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B, CON.

LONDON, SATURDAY, MAY 26, 1883.

MR. JAMES H. CROFTS, STOCK AND SHARE BROKER AND MINING SHARE DEALER, No. 1, FINCH LANE, CORNHILL, LONDON, E.C. ESTABLISHED 1842.

Busingss transacted in all descriptions of Minine Stocks and Shares (British and Foreign), Consols, Banks, Bonds (Foreign and Colonial), Railways, Insurance, Assurance, Telegraph, Transway, Shipping, Canal, Gas, Water, and Dook Shares, and all Miscellaneous Shares.

Busingss negociated in Stocks and Shares not having a general market

which will be forwarded on application), containing closing prices of the week. Minks Inspected.

Bankers: City Bank. London-South Connwall Bank, St. Austrill.

TELEPHONE NUMBER 1003.

SPECIAL DRALINGS in the following, or nart:—
| 10 Asia Minor, 8s. 9d. 20 Gunnis. (Clit)., #21 13 9 Shoror Down, 4s. 9 50 Bedford Uni., £2 13 9 Shower Hill, 3s. 9d. 15 Bratsberg, 39s. 15 Holdan Consoli, 3s. 9d. 15 United, 6s. 3d. 15 United 6s. 3d. 16 United 6s.

NAILWAYS - SPECIAL BUSINESS. - Fortnightly Accounts pened on receipt of the usual cover.

JAMES H. CROFTS, 1, FINCH LANE, LONDON.

POREIGN BONDS — SPECIAL RUSINESS. — Fortnightly Accounts opened on receipt of the usual cover.

JAMES H. CROFFS, 1, FINOH LANE, LONDON.

A MERICAN AND CANADIAN STOCKS AND SHARES— Special Business. Fortnightly Accounts opened on receipt of the usual cover. JAMES H. CROFTS, 1, FINCH LANE, LONDON.

COLD AND SILVER MINES. SPECIAL BUSINESS in ALL
I marketable INDIAN GOLD SHARES, and in California, Cultar "Bis,"
Gold Coast, Guines Gold Coast, New Caliso, West Caliso, Tolima A, Tolima B,
Ia Plata, Ric Tinto, Frontino and Bolivia, Poton, Onlie, Nouveau Monde,
Reby, Richmond. Victoria.

"SHARES IN THE ABOVE SOLD FOR FORWARD DELIVERY ONE,
TWO, OR THREE GONTHS ON DEPOSIT OF IWESTY PER CENT.

JAMES H. CROFFS, 1, FINCH LANE, LUNDON.

ESTABLISHED 1842.

ELECTRIC LIGHT SHARES — SPECIAL BUSINESS.

Anglo-American Hammond. Pilsen-Joel.

Brush. Maxim-Weston. Swan.

Shares sold for cash, account, or for forward delivery (one, two, or three months) on deposit of 20 per cent.

JAMES H. OROFTS, 1, FINCH LANE, LONDON.

PAST WHEAL ROSE, OLD SHEPHERDS, MOUNTS BAY,

SPECIAL BUSINESS in the above for cash or account.

** SHARES SOLD for FORWARD DELIVERY (one, two, or three months),

to DEPOSIT of TWENTY PER CENT.

POR SPECIAL SALE, for FORWARD DELIVERY, ONE, TWO, or THREE MONTHS, subject to deposit of TWENTY PER CENT. 100 East Wheal Rose, 20s.; 100 Mounts Bay, 9s.; 56 Home Mines Trust, 11s. 3d. JAMES H. CROFTS, 1, FINOH LANE, LONDON.

MR. W. H. BUMPUS, STOCK AND SHARE BROKER, AND MINING SHARE DEALER, 44, THREADNEEDLE STREET, LONDON, E O ESTABLISHED 1567.

BUSINESS transacted in STOCK EXCHANGE SECURITIES and MISCELLANEOUS SHARES of every description.

RAILWAYS, BANES, FOREIGN and COLDINIAL BONDS.

TRAMWAYS, TELEGRAPHS, and all the LWADING IN YESTMENTS.

Accounts opened for the Fortnightly Settlement

A List of Investments free on application.

A List of Investments free on application.

Ms. BUMPUS has SPECIAL BUSINESS in the undermentioned:

10 Indian Consolidated. 25 Panuicillo, £6½.

10 Indian Consolidated. 25 Panuicillo, £6½.

10 Birdseye Greek, 27s 6 70 Indian Phomis, 5s. 10 Potosi, 17s. 6d.

10 Birdseye Greek, 27s 6 70 Indian Phomis, 5s. 20 Potosi, 17s. 6d.

10 Chile Gold, 15s. 15 Killifferth, £3½. 50 Roman Gravels, £8½.

10 California Gold, 22s 6 150 Mysoure Gold, 4s. 3d.

10 California Gold, 22s 6 150 Mysoure Gold, 4s. 3d.

10 California Gold, 22s 6 150 Mysoure Gold, 4s. 3d.

10 Devon Friendship, 100 Nouveau Monde, 6s 6 20 New Quebrada, 25 New Kitty, £2½.

10 Devon Consols, £4½.

10 Devon Consols, £4½.

10 Emms, 42s. 25 Organos. 150 Wheat Grebor, £3 is 3 15 Fountion, £2 2s. 25 Organos. 10 Wheat Grebor, £3 is 3 15 Gaston Down, 6s. 6 5 6d. 50 West Polbreen. 100 Pen-yr-Orsedd, 20s. 10 West Godolphin, 25s. 10 West Goldphin, 25s. 10 West Godolphin, 25s. 10 Mr. Bushus & St. actions prices, in the Bila EEs of all the principal HOME and FOREIGN Min ES

Mr. Bushus & St. actions prices, in the Bila EEs of all the principal HOME and FOREIGN Min ES

William HENRY BUMPUS, 8WORN BROKER,

WILLIAM HENRY BUMPUS, SWORN BROKER, OFFICES: 44 THREADNEEDLE STREET, LONDON, E.C. ESTABLISHED 1867,

ADES,

M. B. W. TREGELLAS, 40, BISHOPSGATE STREET WITHIN, E.C..

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W. TREGELLAS strongly recommends the purchase of GOLD HILL MINE three at present prices.

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OLD BROAD STREET, LONDON, E.C. BANKERS: THE ALLIANCE BANK (Limited).

MESSES. PETER WATSON AND CO.'S
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number of shares) to immediate applicants at prices annexed, free of commission:

Where prices are not inserted, the market price of the day will be taken, or offers may be made:

10 Brataberg Cop., 38s.
25 Callab Bis Gold, 13s. 9
20 Colombian Hydraulio Gold, 6s. 3d
10 Now Kitty Tin, £2½.
30 Mounts Bay, 9s.
40 California Gold, 22s. 6d.
40 California Gold, 25s. 6d.
40 California Gold, 25s. 6d.
40 Devon Friend, 5s. 9d.
50 Devon Friend, 5s. 9d.
60 Devon Friend, 5s. 9d.
61 Devon Friend, 5s. 9d.
62 Devon Friend, 5s. 9d.
63 Eberhardt Bil, 8s.
63 Prongoch Lead, 13s. 9d.
64 Grogwinion Lead, 19s.
65 Herodefoot, 10 North Blue Hills, 2s. 6d.
66 Price of Comper, 7s. 6d.
67 Devon Friend, 5s. 9d.
68 E Blue Hills Tin, 7s.
68 Derhardt Bil, 8s.
69 Prince of Wales, 8s.
60 Prince of Wales, 8s.
60 Herodefoot, 10 Richmond Bil, £6½.
60 Herodefoot, 10 Richmond Bil, £6½.
60 Herodefoot, 10 Richmond Bil, £6½.
60 West Devon Cop., 6s.
61 Herodefoot, 10 Richmond Bil, £6½.
62 West Devon Cop., 6s.
63 Wast Caradon Copper, 7s.
64 Ovictoris Gold.
65 West Caradon Copper, 15s.
66 Vistoris Gold.
65 West Caradon Copper, 15s.
66 Vistoris Gold.
65 West Caradon Copper, 15s.
66 Vistoris Gold.
65 Vest Caradon Copper, 15s.
65 Vest Caradon Copper, 2s.
66 Vistoris Gold.
65 Vest Kitty Tin, £14.
65 Vest Caradon Copper, 2s.
65 Vest PRICE LIST. — Reliable Market quotations forwarded daily if required. Share List issued on Friday is sent regularly to clients.
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A. 2. OROWN COURT, THREADNEEDLE STREET, LONDON, E.C.,
Has special business in the following for cash or settlment or arrangement:—
Aimada, 133 2d.
Asia Minor, 3s. 6d.
Bratsberg.
Californian, 22s.
Californian, 22s.
Californian, 22s.
Californian, 24s. 6d.
Chile Gold, 15s. 5d.
Chile Gold, 15s. 5d.
Colorado, 234.
Colorado, 234.
Chontales, 6s. 3d.
Colorado, 234.
Colorado, 234.
Devon Friendship, 5s. 9
Devon Friendship, 5s. 9
Drakewalls, 6s 9d
Drakewalls, 6s 9d
Eberlardt, 7s.
Colorado, 234.
Colorado, 234.
Colorado, 234.
Colorado, 234.
Colorado, 234.
Colorado, 234.
Colorado, 244.
Colorado, 24

JOHN B REYNOLDS, STOCK AND SHARE DEALER, 27, WALBROOK, LONDON, E.C. Established Twenty-five Years. BANKERS: LUNDON JUINT-STOCK.

Mr. REYNOLDS, at considerable expense to himself, is prepared to advise as to the Parchase or Saie of Mining Shares on the receipt of a fee of 21s. His regular correspondents, however, can be advised gratatiously.

Mr. REYNOLDS still continues to buy TREVAUNANCE shares at reasonable rates, and sellers will kin-dy communicate with him.

Mr. REYNOLDS has specially and persistently recommended WEST KITTY shares from 2 -. each and upwards. He now recommends their purchase for a further and important rise.

Mr. REYNOLDS refers his readers to his remarks on p. 607 in to-day's Journal.

Mr. Rexnolds refers his readers to his remarks on p. 607 in to-day's Journal.

AR. W. MARLBOROUGH, STOCK AND SHARE DEALKE, 29, BISHOPGGATE STREET, LONDON, E.C. (Established 30 Years. Oan SELL the collowing SHARES at prices annexed: 100 Asis Minr., 13s. paid, 60 Frontino, £2 2s. 6d. 12s. 6d. 2s. 6d. 40 Great Holway, £2 4s. 100 Prince of Waies, \$s. 6 (2s. 6d. 12s. 6d. 40 Great Holway, £2 4s. 100 Prince of Waies, \$s. 6 (2s. 6d. 12s. 6d. 4d. 6d. 6d. 4d. 4d. 6d. 4d. 4d. 8d. 4d.

Shares in Home, Foreign, and Prices, free of commission.

PURCHASES FOR FORWARD DELIVERY AT SPECIAL PRICES ON RECEIPT OF DEPOSIT OF 20 PER CENT.

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A reliable Price List issued every evening at Five o'clock, which can be had free on application.

Mines in pected at Home and Abroad on moderate terms.

Mr. Skewis naving has great and practical experience in Cornish Mining is, therefor, in a postion to give trustworthy information.

CULtaxOsitie Min...—in a Circular I issued on the 24th April I strongly advised my clients to apply for these shares immediately at 2s. 6d. per share—the price at which they were shipted. Agent reports lode worth £5 to £10 per fathom. Share are now from 4s. to 5s.

MESSRS. ENDEAN AND CO., STOCK AND SHARE DEALERS, 45, GRACEGRURCH STREET, LONDON, E.C. ESTABLISHED 1861.
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Special selection of Mines for present investment—West Caradon, New Caradon, West Gonamena, New West Caradon, Wheat Crebor, West Crebor, Parys, and Langtord. The average market value of the above mines a little later on will in all probability be handreds per cent. higher.

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Have Agents in the various Mining Districts of Great Britain, the Continent,
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Advice as to Working given.

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MR. ALEXANDER DAVIDSOS
STOCK AND SHARE DEALER,
LEADENHALL HOUSE, 101, LEADENHALL SPREET, LONDON, E.C. DAVIDSUS.

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BHARE DEALERS. 13. MOORGATE STREET, LONDON, E.C.,
Dave FOR SALE the following, per share not:—
20 Bratsberg, £1 18s. 9d. 100 Flagstaff, 4s.
50 Callao Bis, 12s. 6d.
50 Golorarou Ess. 6d.
50 Coloratio, £3 5.
20 Devon Connois.
200 Devon

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STOCKBROKERS, 42. POULTRY, LONDON, E.C.

Registration of New Companies.

The following joint-stock companies have been duly registered:-

BRIGHTON AND SUSSEX HOUSE PROPERTY AND INVESTMENT COM

BRIGHTON AND SUSSEX HOUSE PROPERTY AND INVESTMENT COM-PANY (Limited).—Capital 50,000l., in shares of 10l. The usual busi-ness of a building society. The subscribers (who take 50 shares each) are—J. Watts, 10, Tressillian-road; D. Neves, Hurstpierpoint; W. Botling, Brighton; C. Berchel, Brighton; W. Garrett, Brighton; R. McKergan, Burgess Hill; D. Thomas, Brighton. GLANRHYD TIN-PLATE COMPANY (Limited).—Capital 21,000l., in shares of 300l. To purchase the Glantawe Tin-Plate Works, situated near Pontardawe, and to carry on the business connected with said works. The subscribers are—A. Gilbertson, Pontardawe, 5; J. Player, Swansea, 2; J. H. Rowland, Neath, 2; D. H. Stephens, Swansea, 1; J. H. Rowland, Neath, 2; M. Scale, Neath, 2; F. B. Gilbertson, Liverpool, 5.

THE ANGLO-GERMAN FINANCIAL SYNDICATE (Limited).—Capital

THE ANGLO-GERMAN FINANCIAL SYNDICATE (Limited).—Capital 25,000L, in shares of 1L. The business of bankers, merchants, stock and share dealers, loan or money brokers, &c. The subscribers are—B. B. Reynolds, 88, St. Clement's-house, 50; T. W. Miles, Dalston, 50; W. A. Ress, Empire Club, 50; W. Masters, 33, King Williamstreet, 50; F. C. Travers, Wiesbaden, 50; C. A. Chelaw, 9, Fenchurchstreet, 1; B. J. Buckley, 29, Mincing-lane, 50.

THE SANTA KILDA ESTANCIA COMPANY (Limited).—Capital 40,000L, in shares of 20L. To acquire an estate in Uruguay, and to purchase, breed, and sell, import and export cattle, sheep, and other live stock, &c. The subscribers (who take one share each) are—D. Leighton, Edinburgh; D. W. Wilshim, Hayes; W. Milligan, Aberdeen; E. Motison, Perth; J. Adamson, Brechin; A. Lawson, Burntrick; J. H. Patterson, Southport.

deen; E. Motison, Perth; J. Adamson, Brechin; A. Lawson, Burntrick; J. H. Patterson, Southport.

FERANTI-HAMMOND ELECTRIC LIGHT COMPANY OF HAMPBTEAD (Limited).—Capital 100,000l., in shares of 5l. The business
of electricians, mechanical and chemical engineers, &c. The subscribers (who take one share each) are—F. Ince, St. Benet's Chambers; R. Hammond, 110, Cannon-street; F. C. Barker, Woodford
Green; F. W. Bentley, 41, Sydney-street; P. A. Latham, Ealing; C.
W. Rock, Clapham; W. R. Jackson, Highbury.

NELSON BROTHERS (Limited).—Capital 300,000l., in shares of
101. To acquire, develope, and extend a business now carried on at

107. To acquire, develope, and extend a business now carried on at Tornoana and Hawkes Bay, in the North Island of New Zealand. The subscribers (who take one share each) are—E. M. Nelson, 14, Dowgate-hill; A. Scott, 157, Leadenhall-street; J. Anning, 11, Limestreet; F. Nelson, 14, Dowgate-hill; V. A. Herbers, 7, Norland-place; E. E. Morris, 14, Dowgate-hill; E. H. Wilkinson, 14, Dowgate

THE NATIONAL COMPANY FOR THE DISTRIBUTION OF ELECTRI CITY BY SECONDARY GENERATORS (Limited).—Capital 500,000%, in shares of 10l. In the United Kingdom and abroad the business of electricians, mechanical and chemical engineers, workers and dealers in electricity, motive power, and light, &c., and the acquisition of certain patents. The subscribers (who take one share each are) are —T. d'Oksza, Paris; J. T. Campbell, 17, Warwick-street; W. D'Oyley, 24, Westbourne-terrace; H. O. Lewis, 1, Lancaster-gate; J. D. Gibbs, Kenilwoth, J. D. Mackensie, 27, Sussex, Gardens; J. Gaulard, Paris

24, Westbourne-terrace; H. O. Lewis, 1, Lancaster-gate; J. D. Gibbs, Kenilworth; J. D. Mackenzie, 27, Sussex Gardens; L. Gaulard, Paris. THE STAR BLEACHING COMPANY (Limited).—Capital 40,000l., in shares of 50l. To acquire and carry on a business established at Church, near Accrington, Lancashire. The subscribers (who take one share each) are—T. Lloyd, Brooklands; A. Cockcroft, Hebden Bridge; R. Smith, Chorlton-cum-Hardy; J. B. Green, Chorlton-cum-Hardy; H. C. Lloyd, Crampsall; E. H. Hargreaves, Lower Broughton; N. Lloyd, Oswaldtwistle.

THE RUSSELL COPPER MINE (Limited)—Capital 40,0007

THE RUSSELL COPPER MINE (Limited) .- Capital 40,0001., shares of 1l. To acquire and undertake all or any of the assets and liabilities of the South Wheal Crebor (Limited) upon the following terms, as specified in an agreement:—Each shareholder of the old company to be allotted one share, with 13s. credited as paid up thereon, in respect of each share held by him, the new company undertaking to pay, satisfy, and discharge, all the debts and liabilities of the old company. To purchase or otherwise acquire, work, and develope any princy rights and metalliferancy land in undertaking to pay, satisfy, and discharge, all the debts and habilities of the old company. To purchase or otherwise acquire, work, and develope any mines, mining rights, and metalliferous land in the county of Devon or elsewhere, and generally to carry on all operations connected with a mining company. The subscribers (who take one share each) are—W. F. Hacker, Highbury, wine merchant; L. T. Draw, 9, Radcot-street, clerk; D. Law, 38, Camomile-street, agent; M. J. Salmon, 25, Bloemfonlin, financier; F. A. Roques, 11, Queen Victoria-street, advertising agent; R. Maith, 79, York-road, clerk; J. Rougham, 38, Oakley-square, merchant. The number of directors must not be less than two or more than seven, the remuneration of the board being 300L per annum, to be divided.

directors must not be less than two or more than seven, the remuneration of the board being 300l. per annum, to be divided.

THE TRANSATLANTIC STEAM COAL COMPANY (Limited).—Capital 70,000l., in shares of 100l. To purchase the Pwilcarn Colliery, situate in the parish of Bettws and Llangonoyd, Glamorganshire, together with the machinery, plant, &c., thereof, and such other mines and minerals in the said county or elsewhere as the company may hereafter think fit to acquire, for the purpose of prosecuting the trades of colliery proprietors, quarrymen, coke manufacturers, and miners, &c. The subscribers (who take one share each) are—S. Thompson, Motherwell, colliery proprietor; T. A. Bovey, Penarth, shipowner; J. Bovey, Cardiff, shipowner; W. D. George, Haverfordwest, solicitor: R. Bovey, 156, Leadenhall-street, shipowner; W. Gallway, Cardiff, M. E.; W. Davies, Haverfordwest, solicitor.

THE WOOD CARVING COMPANY (Limited).—Capital 100,000l., in shares of 5l. The business of wood carvers by machinery and hand, of cabinet makers, furniture dealers, upholsterers, gidders, &c. The subscribers are—G. H. Simpson, Amberley, 20; F. Echernin, Wolverhampton, 20; A. G. Harvie, Clapham, 1; E. Vigers, 38, Parliament-street, 5; A. J. Bethune, 87, Elsham-road, 1; E. Jackson, Wandsworth, 1; U. H. Bramstein, Westminster Chambers, 1.

THE CITY OF LONDON FRESERVING COMPANY (Limited).—Capital 1000le is above of M. The Granzel havings of fruit was a contract of the proposed for the prop

Wandsworth, 1; U. H. Bramstein, Westminster Chambers, 1,
THE CITY OF LONDON PRESERVING COMPANY (Limited).—
Capital 10,000L, in shares of 57. The general busines of fruit preserving and manufacturers of articles of confectionary, &c. The subscribers are—E. Thompson, Liverpool, 20; R. Harker, Liverpool, 20; G. Gunson, Liverpool, 20; R. Harker, jun., Waterloo, 2; H. B. Jagger, Liverpool, 20; J. J. Harker, Liverpool, 20; J. C. Johnson, 82, Dukestreet, 5.

THE SEVERN TWEED COMPANY (Limited).—Capital 75,000*l.*, in shares of 5*l*. To purchase and acquire the business of the Welsh Wollen Manufacturing Company (Limited) for the purpose of carrying on same. The subscribers (who take on share each) are—C. Ritchie, Stroud; S. Rendal, 2, Great George-street; F. H. A. Han-

Ritche, Stroud; S. Rendal, 2, dreat George-street; F. H. A. Hanbury-Tracy, 116, Queen's Gate; F. Ponsonby, 2, Warnford court; R. de A. Grosvenor, 12, Upper Brook-street; Lord Sudeley, 7, Buckingham Gate; J. E. Dawson, 3, Great Queen-street.

SAN RAFAEL CONSOLIDATED MINING COMPANY (Limited).—
Capital 400,0001, in shares of 2l. To adopt and carry into effect an agreement made between the Hon. J. P. Bigelow of the first part, and J. D. Pattullo as trustee of the other. To purchase or otherwise acquire and work gold mines, minerals, and mining rights in the State of Casta Rica South America, and to reader marketable, sell-State of Costa Rica, South America, and to render marketable, sell, and dispose of the produce. The subscribers (who take five shares each) are—J. Gayme, The Hyde, engineer; T. Dowling, 34, Lower Belgrave-street, gentleman; J. Allen, 99, Cannon-street, R. T. Marshall, Long Ditton, gentleman; W. B. Campb secretary; J. S. Gates, 9, Fenchurch Avenue; P. Holmes, Camberwell, bookkeeper. The number of directors must not exceed 10, or be less than five, the qualification being fixed at 250 shares.

THE LONDON SYNDICATE OF NEW GUINEA (Limited).—Capital

The business of a land, colonisation, and 50,0001., in shares of 251. agricultural company in connection with said island, Australia, or elsewhere. The subscribers (who take four shares each) are—W. L. Gombur, Imperial Buildings; J. W. H. Byrne, 14 and 15, St. Swithin's-lane; T. Fuller, Billiter-house; R. Fuller, Billiter-house; C. T. Campin, 52, Royal-road; G. J. Pearce, Chadwell Heath; N.

WILLIAM ELMORE (Limited).—Capital 240,0001., in shares of 101. The business of electric, mechanical and chemical engineers, founders, builders and contractors, workers and dealers in electricity, &c.

The subscribers (who take one share each) are—T. Glass, 18, Buckingham-street; H.J. Wood, 7, Great Winchester-street; J. W. Thomas,

Camberwell; S. Newman, 97, Penton-place; W. Bourne, jun., Oxted; G. Cook, Neasden; J. W. Day, 110, Lambeth-road.
WALKER COAL COMPANY (Limited).—Capital 25,0001, in shares

walker Coal Company (Limited).—Capital 20,000, in states of 2501. To acquire by purchase or otherwise the colliery and other minerals situated near Walker, Northumberland, together with the plant, machinery, and other effects, and to carry on the business of colliery proprietors, mine owners, manufacturers of gas, coke, patent fuel, bricks, tiles, &c. The subscribers (who take one share each) are—F. D. Lambert, Wimbledon, shipowner; R. A. Lambert, 85, Gracechurch-street, merchant; F. D. Lambert, 85, Gracechurch-street, coal factor; J. Walton, Newcastle, shipowner; C. G. Rayne, Newcastle, merchant; T. Bell, Newcastle, merchant; J. H. Rean, South Gosforth, coal fitter.

South Gosforth, coal fitter.

THE SPANISH NATIONAL SUBMARINE TELEGRAPH COMPANY (Limited).—Capital 500,000l., in shares of 10l. and 1l. The general business of a telegraph and cable company in all branches. The subscribers (who take one share each) are—H.O. Lewis, 1, Lancaster Gate; J. D. Gibbs, 10, Bolton-street; T. D. Pillans, 7, Great Winchester-street; F. Anderson, 85, Gracechurch-street; T. d'O. Orzechowski, Paris; F. L. Hutchins, 11, Birchin-lane; J. T. Campbell, 7, Warwick-street.

Meetings of Bublic Companies.

ELECTRIC "SUN" LAMP AND POWER COMPANY.

The ordinary general meeting of shareholders was held at the City Hotel, Cannon-street, on Wednesday, The Right Hon. Lord BRABOURNE in the chair.

Mr. J. REEVE (the secretary) read the notice convening the meeting, and the report of the directors, which was submitted, stated that the obtaining of a proper supply of machinery, especially of suitable dynamos, was a matter of some difficulty and delay. It was found that the alternating Gramme-dynamo, somewhat modified by the inventor of the Sun light, gave the best results, but it was not

the inventor of the Sun light, gave the best results, but it was not till February in this year that an adequate number could be supplied. The manufacture of the lamp was also proceeded with, but the improvements which had been made in it by the inventor to render it more adaptable to different purposes and modes of lighting occupied a considerable time. The company has, however, now a large supply of lamps of the most approved type. Excellent premises were obtained in Riding House-street; engine-power was laid down, and application made to the Marylebone Vestry and the St. James's Vestry for leave to apply to the Board of Trade for a license to light up that part of London. After deputations had visited the central station both vestries are now before the Board of Trade for licenses to enable this company to light up one of the best parts of London, including the upper half of Regent-street, Oxford-circus, part of Oxford-street, and neighbourhood. In addition to this the board has entred into an agreement with the authorities of the South Kensington Mauseum to light a considerable part of that institution, and the works necessary for this are in a forward state.

Up to the present it is obvious that in order to establish the business and make it remunerative considerable expenditure has been necessary. The amount of 20,228L, which has been paid up upon the 7759 shares subscribed by the public to this date, will not be sufficient to enable the board to complete the central station, the South Kensington Museum installation, and the other works in hand, including the districts for which license will be obtained. In consequence of the business already offered, and in prospective, the board recommend a call of 20s, per share, but prefer previously to making it to meet the shareholders, so that any further explanation may be given.

The CHAIRMAN expressed his regret that the meeting had been fixed for what had transpired to be the Derby Day, a circumstance of which the directors were ignorant at the time of fixing the meeting, owing to their want of racing knowledge. The shareholders would hardly need an apology from him on the part of the board for having called them together at such an early period. As the statutory meeting of the company was held at the end of October last, the directors were under no obligation to call the shareholders together until the end of the present year, but they thought it was for having called them together at such an early period. As the statutory meeting of the company was held at the end of October last, the directors were under no obligation to call the shareholders together until the end of the present year, but they thought it was a very desirable under existing circumstances that they should meet at this particular time, so that the shareholders might be informed as fully as possible of the pesition of the company. After referring to his absence, owing to ill-health, both at the time of allotment of the shares and from the statutory meeting, and observing that the allotment, nor had they at the statutory meeting should be shareholders on the statutory meeting should be shareholders on the company. At the statutory meeting Sir James Carmichael (the Deputy-chairman) clearly laid before them the position of the company. Before he (Lord Brathourne) allowed his man effect himself, as far as any more has the everycleal knowledge of electricity could satisfy himself, that the Sun lamp was likely to be a great success an opinion which was notonly his but that of others who had seen the manner in which the valls beneath the Exchange were lighted last year—and that was also the deliberate opinion of men who had made electricity their study, and its development their profession. He felt bound to add that upto to that moment they had had no reason to recede from that opinion. He might be asked—Why, if their lamp was so good, had it not been more fully exhibited, as other electric lamps had been? The answer to that question was that in pursuance of the policy which the directors had decided upon they felt that such a good iamp would push its own way slowly, perhaps, but surely, without wasting money in unremunerarive lighting or sensational exhibitions. Considering that objects to the policy which the directors had decided upon they felt that such a good iamp would push its own way slowly, perhaps, but surely, without wasting money in unremunerarive lighting or sensational exhibitions. Co together until the end of the present year, but they thought it was they would then be receiving. At the same time, they must not shut their eyes to the difficulties before them, and must recollect that a dividend could not be expected before a sufficient time had elapsed for the development of their enterprise. It was not to be forgotten that since this company was founded the Electric Lighting Bill had been passed, and that this had placed certain restrictions on them. He did not think they need apprehend that anything in the rules and regulations of the Board of Trade would be unfair or unjust; but until they knew positively what those rules and regulations were, and knew upon what terms they would obtain the license for which they had applied, it was impossible to speak with even confidence of their future success as he hoped to be able to do when he next addressed them. The two vestries who had supported them were St. James's and Marylebone, and if the licenses applied for were granted on fair terms they would have before them a very large business—as much certainly as they could undertake with their present capital. There might be conditions proposed with regard to the depositing of money and with regard to the other matters which might oblige them to hasten a call, or even to ask the approval of the shareholders to a further issue of capital. They did not know whether that could be so, but they must not shut their eyes to the possibility of such an event. Their expenditure had up to the present time, he contended, been wise and caultions. Their subscribed capital was 40,001., about half of which had been received. Out of the amount received So I. went in stamps on the necessary legal documents, and 8000. had been expended in plantand in obtaining leases, &o. The whole of the money spent in addition had, therefore, been 50.01., and this had covered the whole of the expenditure of the year. Of 30001, 19001 had gone in wages and salaries of those conducting the actual working of the company, 8001, had been spent in rent and taxes, leaving \$600. for the whole of the postage,

enterprise on, as he hoped, to promote satisfactorily the success of the undertaking. The policy of the directors would be to act with care and caution, and at the same time with courage, not to be afraid of obstacles, and not to be afraid to ask for more capital if they believed it would ultimately be productive with the act of the course of the productive with the act of the course of the

any price.

Mr. Bartley, in reply to other questions, said the lease of the Riding Housestreet premises was for about 36 years. With regard to waiting for the Board frade licenses before making a call, to do that they would have to stop the works and discharge their employees, which would be a very undesirable proceeding. (Hear, hear.) The South Kensington installation would be ready in bout three weeks' time.

Two of the SHAREHOLDERS spoke in terms of high satisfaction as to the exhibition of the company's lighting at Riding House-street the preceding evening.

The CHAIRMAN having replied to a few questions of detail the report was unanimously adopted.

nanimously adopted.

A cordial vote of thanks was passed to the Chairman and directors, and the testing then closed.

SANTA CRUZ SULPHUR AND COPPER COMPANY-(IN LIQUIDATION.)

An extraordinary general meeting of shareholders was held at the City Terminus Hotel, Cannon-street, on Thursday, Col. W. M. COCHRANE in the chair.

Col. W. M. Cochrane in the chair.

Mr. J. Jameson Truran (the secretary) read the notice convening the meeting. The report of the liquidators was taken as read.

The Chairman said: Gentlemen, I had hoped to see a greater number of shareholders present to-day; but I dare say it may be that as this is only a formal meeting, to a certain extent, they have decided to wait, and that they will attend more largely at the next meeting. We have had great anxiety during the past year and more, and we, as liquidators, have felt great disappointment at not being able to carry out the arrangement which at the time it was made was felt to be a very fair and straightforward way of dealing with the New Tharsis Company. I can only say that Mr Carnegie and myself had the fullest belief that the arrangement would be carried out, and I need not say that we would not have taken upon out. was felt to be a very fair and straightforward way of dealing with the New Tharsis Company. I can only say that Mr Carnegie and myself had the fullest belief that the arrangement would be carried out, and I need not say that we would not have taken upon ourselves the responsibility which we took in becoming liquidates of the company if we had been at all aware of the position, that we were likely to be placed in. We believed that all our ducies would be to distribute the money which was promised in payment of the amount which was agreed to be returned to the shareholder. With regard to the first instalment of 10s. per share, that was paid as soons ever our secretary could carry out the arrangement. Since then we have been pestered with law-auits. Mr. Beall has been at us, and another gentleman has also been taking proceedings against us. These proceedings and the endeavous we have made to getsomething in a tangible form for the shareholders have been the causes of the delay which has taken place. I will presently ask or solicitor to explain these delays, because I am sorry to say that some gentlemen have so far forgotten themselves as to impute improper motives to Mr. Carnegie and myself. I should like to meet those gentlemen on these grounds—what possible benefit could we get by doing anything which was not in the interests of the shareholders? (Hear, hear.) We have done our best for you, and I am sure that as far as we are concerned we have used every economy possible. We have the balance-sheet here which shall be read out to you. We would have the balance-sheet here which shall be read out to you. We would have the had it printed and circulated but that it is not the final account which we shall have to render. We have done what we have done in the way of distributing the money and looking after your interests at the nominal expense of 260. or 3001. I was told by a liquidator only the other day that if the affairs of the company had been in the hands of certain gentlemen they would have taken about 50001, ou asked why we took those securities; but we had nothing to do with accepting those securities. It was the directors of the old company who were satisfied at the time that the securities were good, and I remember quite well many of the gentlemen present at the time that the securities were spoken of asked why we did not name them. Fortunately, I have here a gentleman, Mr. Morgan, who at that time stated distinctly that our securities were good, and at that time there is no doubt they were considered so at any rate, but, unfortunately, one of them—the Victorine Company—has come to a certain amount of grief, but is now being rescuedtated. Mr. Morgan, I know, believed at the time that the securities were very good, but they were only held collaterally. They did not take away our power not only to sue the New Tharsis Company, but when that company was brought into liquidation we were able to take action for the recovery of the money deposited. We have beaten Mr. Jonas, and I have no doubt that we shall beat Mr. Beall, but the has already run us into an amount of costs. I think he talks of 7001, or 2001, but if the proposal which has been made to you is accepted he will be placed in that position that he will have to may his costs himself—for, of course, the shareholders have the power to accept the proposal if they choose to do so. With regard to the security of the Gold Hill shares, Mr. Carnegie and myself had no idea of presenting you with anything connected with the Gold Hill Company, but as you are asked to take those share a fortnight, buy I stayed three months so much interested was I with the mine, and I am happy to see that every word on my report on that property has been confirmed by the letters which have subsequently been received. All can say is this—I have got permission from my brother directors in whith show the wind of my loredded to stay then confirmed by the letters which have subsequently been received. All can say is this—I have got permission from my brother directors to invite any three of four Mr. I

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ing thes lightest remuneration. I should like you to hear some of the instruc-tions we gave to our lawyers to prosecute the matters in hand with all possible speed, and to show you that the delay in holding the meeting has been unavoid-sple. We have shown no favouritism to Messrs. Grant and Co., or to anybody

ejse.

Mr. TRURAN (the secretary) read several extracts from the minute-book extending from April 21 last year to the present time, with the view of showing bow constantly the liquidators had been endeavouring to obtain a settlement with the vendors, and explaining why the meeting had been deferred from time acting.

Mr. TRUBAN (the secretary) read several extracts from the minute-book extending from April 21 last year to the present time, with the view of showing its the vendors, and explaining why the meeting had been deferred from time to time. The CRAIRMAN: I am sure, gentlemen, you will see how constantly we have free instructions. We were anxious to call the meeting so that you gentlemen should know our position, and when we found that we must have another men did know our position, and when we found that we must have another men did not have given you. You know that 10,000/, in hard sovereigns is not shall be a man's possession, and it may be that the delay has been caused by slavish I have given you. You know that 10,000/, in hard sovereigns is not shall be settled in five or ten minutes. I am told, however, that at the present could be settled in five or ten minutes. I am told, however, that at the present on the property of the settled in five or ten minutes. I am told, however, that at the present on a sure of the settled in five or ten minutes. I am told, however, that at the present on a sure of the settled in five or ten minutes. I am told, however, that at the present on a sure of the settled in five or ten minutes. I am told, however, that at the present on a sure of the settled in five or ten minutes. I am told, however, that at the present of the settled in five or ten minutes. I am told, however, that at the present of the settled in five or ten minutes. I am told, however, that at the present of the settled in five or ten minutes. I am told, however, that at the present of the settled in five or ten minutes. I am told, however, that at the present of the settled in five or ten minutes. I am told, however, that at the present of the settled in five or ten minutes. I am told, however, that the five settled in five or ten minutes. I am told, however, that the present of the settled in five or ten minutes in the settled in five or ten minutes in the settled in five or ten minutes in the settled in five or te

y 10,000 now. SECHETAKY: The shares held in trust for the shareholders now amount ,000—that is 60,000, 35,000, and 5000. 0.000—that is 60,000, 35,000, and 5000.

JONES: At our meeting some days hence who will vote in respect of those spaces of the space of

Mr Jones: At our meeting some days hence who will vote in respect of those places?—The CHAIRMAN: Nobody will vote in respect to those shares—certainly not.

A SHAREHOLDER: What is proposed to be done with the remaining 1000 Gold fill shares—20,000 only are to be distributed out of 21,000?—The CHAIRMAN: It is not proposed to sell or distribute those shares. They are only held as colliseral security. All the expenses of every kind are to be paid by the vendors, and we desire that you shall have the whole of the 2s. 5d. returned in cash. Mr. Morean, in reply to a SHAREHOLDER, said: Very shortly after this company went into voluntary liquidation a petition was presented on behalf of certain very small shareholders by Mr. Bealt that there should be a compulsory spudiation—which means an enormous expense. The gentlemen who desired that the company should be wound up at the smallest possible expense resisted that petition on your behalf, and with success. Since then motions of all sorts have been made for the production of papers, the examination of witnesses, and so on; and in truth we have been put to enormous expenses ourselves in consel's fees. We have, of course, had to employ counsel to resist these motions and the petition. At the present moment we have three mutions and one petition against the liquidator, which we are resisting. I am very happy to say that in every case, so far, we have been successful, and I do not fear of ultimate slocess. No costs will result as against this company or the liquidators in supect to these proceedings; but you can understand how exceeding harassing it has been for the liquidators who have come forward and understaen a very scrous duty, and have been most indefatigable in their attention and desire to arry this liquidation out at the smallest possible expense to the sharcholders. A SHAREHOLDER: What does this Mr. Beall want us to do?——Mr. Mosean; Be wants to get a compulsory liquidation who have seen forward and understaen a very secons duty, and have been made to make the sub

We meeting until the 30th inst.—Mr. P. Carrent the adjournment of which was agreed to.

A committee of five shareholders was appointed to confer with the liquidators in the interval.

On the motion of Mr. Manyarana, and the desired to confer with the liquidators of the motion of Mr. Manyarana, and the desired to confer with the liquidators of the motion of Mr. Manyarana, and the desired to confer with the liquidators of the motion of Mr. Manyarana, and the desired to confer with the liquidators of the motion of Mr. Manyarana, and the desired to confer with the liquidators of the motion of Mr. Manyarana, and the desired to confer with the liquidators of the motion of

interval. he motion of Mr. Middleron, seconded by Mr. Leak, a vote of thanks used to the liqui ators, and confidence was expressed in them. meeting was then adjourned.

Europe.

Mr. Hinrichsen proposed the adoption of the report and balance-sheet as rad, and the payment of the dividend of 5 per cent. as recommended by the directors. In doing so he thought it would only be right to express the great tanks of the shareholders to the directors for the efficient manner in which they had looked after the interests of the company, and in particular to Mr. Gardiser, the manager of the claim works. He wished to ask one or two questions before putting the motion finally. There was an account, general reserve land, 71 l. Was there no interest on that?

The Secretars: Only when it has been deposited for six months.

Mr. Hinrichsen: Then as to hauling reef and the hauling of blue ground impeded by it. He would like to impress upon the directors to see that such a single did not occur again. Perhaps it would be well to take into consideration

the advisability of getting another engine for reef purposes only when required. It must be admitted that machinery was very cheap, and the present was a most favourable time to buy such machinery.

The CHAIBMAN: That matter came before the directors at their last meeting. Mr. Gardner is under the idea that for the next lift of blue the engine will be sufficient to pull it. And the reef was safe at present, so that the directors had not thought themselves justified in incurring this expense at present. But in the future it might become necessary, and that was why the reserve fund had been created.

been created.

Mr. Hinrichsen: Even at the worst of times we are a bright and shining example to other companies—(laughter)—and I beg to propose the adoption of the report and balance-sheet, with the recommended addition to the reserve

the report and balance-sheet, with the recommended addition to the reserve fund, &c.

Mr. Michaelis seconded the resolution, and it was carried unanimously.

There were two vacancies on the directorate and three nominations—Messrs.

W. Rogers, J. Peacefull, and E. M. Slatter, A ballot was taken with the following result:—E. M. Slatter, 282; J. Peacefull, 160; W. Rogers, 112.

The Chairman stated that a re-adjustment of the boundaries of the De Beer's, Oriental, Schwab's Gully, and Central Companies had mutually taken place, making it very much more conven-ent for working and only causing a few inches of difference in any one company. The directors were quite satisfied with the arrangement, and asked the shareholders to ratify their action, which was at once formally done.

The question of a London agency for the transfer of shares, postponed from last quarterly meeting, again came on, and several letters and proposals were read. After some discussion, Mr. James Ford was appointed London agent for the transfer of shares only, all the details to be left to the directors.

The auditors' fees were fixed at seven guineas for the quarter, and a letter was read from the same (Messrs. Tancred and Palmer) highly commending the manner in which the books had been kept.

It was also resolved to get 200 copies of the trust deed printed in England.

A vote of thanks was accorded to the Chairman.

LANGFORD SILVER AND COPPER MINING COMPANY.

The ordinary annual general meeting of shareholders was held at the offices of the company, Gracechurch street, on Thursday,
Mr. Orlando Webb in the chair.
Mr. C. B. Parry (the secretary) read the notice calling the meeting. The accounts showed a balance of assets over liabilities of 4781. 16s. 4d.
The following report of the directors was then read:—

Mr. C. B. PARRY (the secretary) read the notice calling the meeting. The accounts showed a balance of assets over liabilities of 4784. 16s. 4d.

This, you are aware, is our first annual meeting, and we have to lay before you all that has been done since the formation of the company. At that time we written of any speculation——I. Those was and most encouraging reports ever written of any speculation——I. Those was not most encouraging reports ever and two of silver.—2. That encourage quantities of silver had been got from the shallow levels, some of it bringing 606t, per ton.—3. That the old company last working the mine, about 30 years ago, had sunk the shaft about 45 fms., to reach the junction of the silver and copper lodes, from which great expectations were formed, when their engine was overpowered by the great influx of water and the mine stopped.—4. That there were large heaps of halvans at surface containing both copper and silver, and which by a new process might be turned in the water in the mine and district that we should never be able to overome it. Well, we have overcome it, and the shaft is now in course of sinking by twelve men; and we hope before long to reach the junction of the lodes referred to. The shallow levels have also been cleared, and it is shown conclusively that large quantities of silver have been got from them; and our agent has broken also some very rich copper from the lodes. The work accomplished thus far has taken at least six months i-nger, and has cost about double the money—o-wing to the sixe and power of the machinery—than was expected, for the pumps for the mine. The accounts, you will observe, allow receipts on issue or 13,578 share, 9839. The expenditure has been—for purchase of property, 1560£, pinn and machinery, 3538. The expenditure has been—for purchase of property, 1560£, pinn and machinery, 3538. The expenditure has been—for purchase of property, 1560£, pinn and machinery, 3538. The expenditure has bessented to sufficiently consist of erection of machinery and clea

SCHWAP'S GULLY DIAMOND MINING COMPANY.

(DE BEER'S MINE, KIMERLEY.)

The ordinary quarterly meeting of this company was held at the discess in Kimberley, on the 16th ult.,

Mr. A. McGregor in the chair.

The following report was read:

A will be seen from the shalmone-there and profit and less account, the direct of the company's operations during the last quarter. In view of the expensionally low prices of diamonds that have ruled during the quarter, and which are ready attributable to the greatly reduced cost of proficially attributable to the greatly reduced cost of proficially attributable to the greatly reduced cost of proficial control of the same and making ask the read, and the highest of the company's chair of the same and making ask the read, and the propolator of the same short which control of the same short was all the same of the company attributable to the greatly reduced cost of proficial control of the same short was all the same of the same short was all the same and the same short was all the same and the same short was all the same short was al

in the spare of the design of the spots of copper ore, and promising for earliest of the spots of the spots of some special spare in which were from the bottom of the spots of some special spare in which seems to special spare in which were from the bottom of the special space in t

ing was continued far enough, that they would get into mill value. The work had taken longer and cost more than was first anticipated.

A resolution was passed authorising the directors to offer the unissued shares to present holders at par—2s. Sd. on application, 2s. 6d. on allotment, and Ss. in three months.—The resolution was then put and carried.

The directors, Mr. J. Y. Watson, Mr. Orlando Webb, Mr. F. Braby, Mr. J. Macmillan, and Major Craig, were re-elected, and Mr. Ashmead was re-appointed auditor.

uditor. A vote of thanks to the Chairman and directors closed the proceedings.

CAMBRIAN MINING COMPANY.

An extraordinary general meeting of shareholders was held at the Cannon-street Hotel, on Monday—Mr. Broad in the chair- for the purpose of receiving the accounts of the liquidator, showing the manner in which the winding-up has been conducted, and hearing

purpose of receiving the accounts of the liquidator, showing the manner in which the winding-up has been conducted, and hearing the explanation of the liquidator thereon.

The CHAIRMAN said that the accounts submitted were practically a continuation of the accounts submitted at the last meeting which was held some month or two ago. The only further payments which had been made were as follows:—The sum voted to the directors of the new company for services rendered, 600%.; Cannon-street Hotel, for the hire of roomsat various times, 164. 5s. 6d.; disbursements, 954. 1s.; second dividend to the shareholders of 2s. 9d. per share, 47234. 17s. 31.; to Broad, Paterson, and Way for clerks' time, 284. 9s. 1d.; solicitors' costs, 704.; making the total payments, 57794. 7s. 10d. On the receipt side the only amount was Mr. Fell's final instalment of 5000f., which was duly paid on the 29th of January; and the balance in hand was 724. 7s. 10d. He had only to report that the company was fully wound-up, and the whole of the passets had been duly realised, and the whole of the proceeds had been distributed amongst the shareholders. There was only one reserve, which was this—the old shareholders. There was only one reserve, which was this—the old shareholders were entitled under the agreement with the new company to certain shares in the new company, to represent their interest in the old. With the distribution of those shares he, as liquidator, had nothing to do, but he understood that certificates had been issued. His responsibility as liquidator did not extend to the issue of stock by the new company. With that exception the company was fully wound-up as far as he was concerned, and would be closed within the statutory time.

Mr. H. Brown moved that the accounts rendered by Mr. Broad be passed. The motion having been seconded—

Mr. BARBETT asked if the mine were completely at a standstill?—Mr. Brown said he was solicitor to the new company. A report was now in preparation by the solicitors of the new company, which would be s

BEDFORD UNITED MINING COMPANY.

The half-yearly meeting of shareholders was held at the office of

the company, Clement's-lane, on Thursday,

Gen. H. C. Tate in the chair.

The notice convening the meeting having been read, and the minutes of the last meeting confirmed, the accounts were duly submitted, passed, and allowed, and the report of Captain Trezise was

The notice convening the meeting having been read, and the minutes of the last meeting confirmed, the accounts were duly submitted, passed, and allowed, and the report of Captain Trezise was read:—

Mny 24.—I beg to present you with the following report on the state and prospects of the mine:—North Lode: During the last six months our operations have been confined to driving the 115 cast and the 103 west, by six men, and raising ore on tribute, on which 15 men are employed at tributes varying from 11s. to 15s. In 11. for copper ore, and 6s. per ton for mundle. In the 115 cast we have intersected the cross-course, and are at present driving in an oblique direction to cut the part of the lode which has been shifted by the cross-course; we hope to intersect the lode in about a couple of fathoms driving. The 115 cast has been driven 9 fms. 2 ft. 6 in.: the lode for the whole distance close to the cross-course is worth 10. per fathom, strong and masterly in appearance. The 103 west has been driven 10 fms. 0 ft. 2 in., and the lode for the whole distance is worth 8. per fathom, and in the present end is worth 122. per fathom, a promising looking lode. Two stopes behind this end are being worked at 31. 10s. and 11. per fathom; lode worth in each stope 8. per fathom. This end is in unwrought ground to the western boundary, and is the greatest distance west of any level on the north lode.—Bridge Lode: McCallan's shaft, has been sunk 13 fms. 3 ft, in the last six months, and is now down to the 62, and the skip-road completed. The 62 cast and west are being driven by 10 men, in a lode strong and masterly in appearance, composed of capel, mundle, and a small quantity of rest. The 52 is driven west 5 fms.; the 22 cest 4 ims.; the 30 cest 1 fms. 3 ft. 6 in; the 30 cest 1 fms. 3 ft. 6 in; the 30 cest 1 fms. 3 ft. 6 in; the 30 cest 1 fms. 3 ft. 6 in; the 30 cest 1 fms. 3 ft. 6 in; the 30 cest 1 fms. 3 ft. 6 in; the 30 cest 1 fms. 3 ft. 6 in; the 30 cest 1 fms. 3 ft. 6 in; the 30 cest 1 fms. 3 ft. 6 in; the 30 cest 1 fms. 3 ft.

A SHAREHOLDER asked If it was the practice of the auditors to audit the list of shareholders and transfers?

The SECRETARY replied that it was not, but there was no objection whatever to the practice being adopted, and a resolution was passed that the remuneration of the auditors be increased, and that they be requested to examine the list of members with the usual audit of accounts.

A vole of thanks to the Chairman, the directors for their past services, and the Secretary was carried unanimously. The retiring directors and auditors were re-elected for the ensuing year.

COPPER ORES.

Sampled May 2, and sold at the Royal Hotel, Truro, May 17.

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Gunnislake	(Clit.) 420 1	889 9	6	Wheal Arthur 69 166		-
South Cara	ion 175	034 15	0	Gawton Copper 68 5	0	-
	ev 155	483 5	0		1	-
	ited 131	603 11	Ö	Mid-Devon 17 6:	6	-
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Juantity of	0.00	2012		Quantity of fine copper, 125 tons 1	ewt.	

HOLLOWAY'S PILLS-LET THE SICK TAKE HEED.-The stomach is the

HOLLOWAY'S PILLS—LET THE SICK TAKE HEED.—The stomach is the commissariat of the physical system. It furnishes the material sustenance of every organ. If disordered the whole body languishes; but however severely it may be affected, its tone and vigour may always be restored by a course of these irresistible pills; billiousness, indigestion, liver complaints, and other disorders of the stomach, can easily be cured by the use of Holloway's pills. Thousands attest this assertion, and no sufferer who has ever tried them will deny their supreme efficacy. In every case of stomach disease, from the mildest case of dyspepsia to the disorder of both liver and stomach, from the nausea of the free liver to the vomiting accompanying ulcerated stomachs, these pills immediately relieve, and by perseverance effectually cure.

MORE THAN TWO-THIRDS OF THE SHARES HAVE ALREADY BEEN APPLIED FOR BY THE DIRECTORS AND THEIR FRIENDS, AND CUSTOMERS OF THE FIRM.

LIMITED ELMORE, WILLIAM

Incorporated under the Limited Liability Acts, 1862 to 1880, which limit the liability of Subscribers to the amount of their Shares.

CAPITAL £240,000, IN 24,000 SHARES OF £10 EACH.

Divided into 16,000 A or Preference Shares entitled to Seven per Cent. Cumulative Dividend, on the Capital for the time being paid up.

8,000 B or Ordinary Shares (fully paid up) entitled to Seven per Cent. Dividend after payment of Seven per Cent. on
the A Shares. All the B Shares will be taken by the Vendor in part payment of the purchase-money.

The residue of the profits of each year, after payment of 7 per cent. on the two classes of Shares, will be applied in payment of
additional dividends on both A and B Shares. In case the net profits for any four consecutive years shall amount together to 30 per
cent. on the total paid-up Capital on the A Shares, the B Shares will be converted into A Shares.

FIRST ISSUE 10,000 SEVEN PER CENT. PREFERENCE A SHARES, £10 EACH.

The First Issue of A Shares are now offered for subscription, payment for which is to be made as follows:—10s. per Share on
Application; £1 10s. per Share on Allotment; £2 per Share two months after Allotment; £1 in four months; and the balance in
calls not exceeding £2 at intervals of not less than one month, as and when required. It is not proposed to call up more than Seven
Pounds per Share at present. Subscribers are at liberty to pay up their Shares in full upon Allotment, receiving interest at £5 per
cent. per annum on any sums prepaid.

DIRECTORS.

CHARLES BATH, Esq., J.P. (Messrs. Henry Bath and Son, Swansea, London, and Liverpool), Swansea.

FREDERICK WM. DAHNE, Esq., Vice-Consul for the Empire of Germany, and for the Kingdoms of Norway and Sweden, Swansea.

CHRISTOPHER WASHINGTON GREGORY, Esq., The Grove, Camberwell, S.E.

THOMAS ARNOLD MARTEN, Esq., J.P., Director of the Glamorganshire Banking Company (Limited), Swansea.

RICHARD MORRIS, Esq., J.P., Beechfield, Doncaster.; Director of the Widnes Metal Company.

CHARLES TAYLER WARE, Esq., 11, Phillimore Gardens, Kensington, W.

(With power to add to their number.)

BANKERS.

BANKERS.
LONDON-Messrs. BARCLAY, BEVAN, TRITTON, and CO., 54, Lombard Street, E.C. SWANSEA-THE GLAMORGANSHIRE BANKING COMPANY (LIMITED).
SOLICITORS-Messrs. WARE, HAWES, and WOOD, 7, Great Winchester Street, E.C. AUDITOR—THOMAS GLASS, Esq., 5, Mitre Court, Temple, E.C. SECRETARY (pro tom.)—Mr. WILLIAM BOURNE.

OFFICE S-91, BLACKFRIARS ROAD, LONDON, S.E.

PROSPECTUS

The company is formed to acquire the well-known business of Mr. William Elmore, carried on at 91, Blackfriars-road, S.E., and the business now being carried an under the name of "The Electrolytic Company," at Charlotte-street, Blackfriars, S.E., and 16, Galeirie d'Orleans, Palais Royal, Paris, with the extensive and valuable Dynamo-Electric Machine, Electric Engineering, and Electro-Depositing Works, at Charlotte-street, Blackfriars; together with the furnaces for brass and nickel castings at 91, Blackfriars-road, S.E., with the plant, stock-in-trade, goodwill, and all patent rights and licenses belonging to the vendors in connection with the said businesses.

The businesses at 91, Blackfriars-road, and at Charlotte-street, were established respectively by Mr. William Elmore and Mr. Shackleton Hallett. The business of Mr. William Elmore consists principally in the manufacture and supply of dynamo-electric machines and outfits for electrolytic processes as applied to a variety of profitable industrial purposes.

Proceeds the present means of supply, and is daily increasing, the furnaces the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and is daily increasing, the furnaces of the present means of supply, and

industrial purposes.

The metal depositing works, which were originally established for The metal depositing works, which were originally established for the purpose of demonstrating the power and capabilities of the dynamo machines, have proved a very important and profitable branch of the business. Pieces of machinery of large size, such as hydraulic rams, screw propellers, cylinder covers of marine engines, &c., an be coated with metal at these works. The number of customers on the books is now very large, and is daily increasing.

Dynamo-electric machines of great power, constructed at the Charlotte-street Works, are now in actual operation at the Morfa Copper Works of Messrs. Williams, Foster, and Co., of Swansea, producing conductivity or electrolytic copper, by Mr. Elmore's process.

Charlotte-street Works, are now in Copper Works of Messrs. Williams, Foster, and Co., of Swansea, producing conductivity or electrolytic copper, by Mr. Elmore's process. The copper thus obtained is chemically pure, and, when it is borne ment.

The following may be mentioned amongst various important trades the members of which have either been supplied with machines are outlits, or are now negociating for the same:

Manufacturers of Copper Wire and Brass Tubes.

"Manufacturers of Copper Wire and Brass Tubes.

"Boiler Plates and Tubes.

"Boiler Plates and Tubes.

Tin Plates.

Bank Note Engravers. Distillers. Oil Refiners. Flax Bleachers Gold Miners. Engineers. Hydraulic Engineers. Marine Engineers.

department.

Among other purposes for which machines and outfits are being supplied by the Charlotte - street Works may be mentioned the electro deposition of copper upon steel or iron wire for telephonic or telegraphic uses. The large field of profitable work thereby opened to the company in this direction will be seen from the cablegram of the New York Correspondent of the Standard, dated March 27.

The company will have the benefit of all orders already on hand, and in course of necociation for machines and outfits for this pro-

and in course of negociation, for machines and outfits for this process, as well as for that of galvanising iron wire and iron surfaces. This process, which is protected by letters patent, combines simplicity, cheapness, no waste, with the most considerable advantage that the process being a cold one, the strength of the wire and iron is not affected in the slightest degree, whereas, by the old dipping process, large quantities of goods are rendered rotten, and all are injuriously effected. A large and profitable beinges can also be done in the affected. A large and profitable business can also be done in the supply of machines and outlits to manufacturers of tin-plates by Mr. Elmore's electro tinning process; it is the immediate intention, of the company to complete and develope this profitable department.

Cotton Printers' Rollers. Cut Nails. Metal Capsules. Galvanised Iron. Fire Grates and Fenders. Paper. Chemicals

And numerous others.

And numerous others.

The books now show that the tendency of the orders is to increase both in number and magnitude. The orders now in course of execution, contracts, and conditional contracts amount to upwards of £50,000. Estimates have also been forwarded at request of firms of the highest standing, with whom business is likely to result to a very considerable amount.

The value of the business which the company will take over may be further shown by mentioning that the following Government departments, public companies, and leading firms have had their present requirements satisfactorily attended to at these works, and that a continuance of business with them may be confidently anticipated.

MACHINE AND OUTFIT DEPARTMENT, 91, BLACKFRIARS ROAD, S.E. Her Majesty's Government—several departments.

Messrs. Williams, Foster, and Co.

The India Rubber and Gutta Percha and Telegraph Works Com-

The India Rubber and Gutta Percha and Telegraph Works Com-

The India Rubber and Gutta Percha and Telegraph Works Company (Limited).

Messrs. H. H. Vivian and Co. (Limited).

The Anglo-American Brush Electric Light Company (Limited).

Messrs. Thomas De la Rue and Co.

Messrs. Waterlow and Sons (Limited).

The Singer Manufacturing Company (Limited).

Messrs. Christopher Baker and Sons, Birmingham.

Messrs. John Grinsell and Sons, Birmingham.

Messrs. Wright and Butler, Birmingham.

Messrs. A. Scattell and Co.

Messrs. A. John Lysaght (Limited), Bristol.

The Electro Amalgamator Company (Limited)

Messrs. Cassell, Petter, and Gatpin.

Messrs. William Clowes and Sons (Limited).

And numer It may also be mentioned that a silver medal was awarded at the Crystal Palace Electric Exhibition, 1881-2, to Mr Elmore for his patent dynamo-electric machines.

The large and continued increase in the number and amount of The large and continued increase in the number and amount of orders for machines and outfits, and also in the metal-plating department, has rendered necessary a considerable addition to the existing works. With the view to secure the benefit of country prices for labour, fuel, and other charges, it has been decided to erect engineering works for the construction of dynamo-electric machines and appliances at Swansea, the centre of the important metallurgical and tin-plate industries of South Wales. A desirable site has been chosen, and the works will be pushed on with all expedition on completion of the necessary contracts dition on completion of the necessary contracts.

The business which the company also acquires at Paris and on the ortance. It is proposed to supple Rohan by additional works, at an Continent is of considerable importance ment the factory at the Cour de Rohan by additional works, at an estimated cost of £5000. With this expenditure on the French esta blishment the vendors confidently anticipate being able at an early date, out of the moneys derivable from the working or sale of the French business, and their foreign patents, to obtain very consider-

able profits for the parent company.

In addition to the engineering works, it is proposed to add the following profitable departments to those now in active operation.

(a) A department for the manufacture of materials applicable to

electro platers' outlits.

(b) A department for the manufacture of arc and incandescent lamps.

(c) A department for the manufacture (under Mr. Hallett's patents)

(e) A department for the manufacture (under Mr. Hallett's patents) of chemically pure carbons.
(d) A department for electro-coppering steel wire for telephonic and other purposes, also for drawing and covering conductivity copper and other wire.
The business will be taken over by the company as a going concern, and the sale will take effect on and from the list May, 1883. The company to be entitled to all the property and assets of the vendors in the business under the agreements, and to be entitled to all the droits that may be made from that date.

METAL DEPOSITING DEPARTMENT, CHARLOTTE-STREET, S.E.

Her Majesty's School of Military Engineering, Chatham. The Contractors to Her Majesty's Admiralty. Sir W. G. Armstrong, Mitchell, and Co. (Limited). Messrs. Siemens Brothers and Co. (Limited). The South-Eastern Railway Company.

The "Maxim" "Weston" Electric Light Company.

The "Pilsen" and "Joo!" Electric Light Company.

The African Dry Placer Amalgamator Company (Limited).

Messrs. Ridsdale and Co.

Messrs. Benefink and Co.

Messrs. Benham and Frond.

Messrs. Benham and Froud. Messrs. Verity and Sons. The Coventry Machinists' Company.

at the offices of the company.

s others.

The vendors paying all liabilities to that date in consideration of the purchase-money to be paid them—the amount being £40,000 in cash and 8000 fully paid-up B shares. The B shares are not to rank for dividend until the A or preference shares have received a cumulative preference dividend of 7 per cent. per annum. Thus the preference shares will be entitled to have arrears of dividend in any year paid on them before the shares of the vendors rank for dividend.

When in any term of four consequities years the total not profits.

year paid on them before the shares of the vendors rank for dividend. When in any term of four consecutive years the total net profits are such as to allow of dividends amounting in all to 30 per cent. being paid on the paid-up capital of the A shares, the B shares will be assimilated with the A shares, and become ordinary shares, and each class will rank equally for dividend out of the profits of the company

Subject to the supervision of the board of directors, Mr. William Elmore and Mr. Shackleton Hallett will continue to give their services, and will join the board after the allotment of shares.

The only agreements entered into excepting the ordinary trade

cts are:—
Agreement between William Elmore of the one part, and S
Hallett of the other part, dated April 26th, 1883.
—Agreement between S. Hallett and William Elmore of the one part, and William Bourne, on behalf of the company, of

the other part, dated April 26th, 1883.

If no allotment is made the deposit will be returned without deduction, and should the number of shares allotted to any applicant be less than the number applied for the surplus will be credited in

reduction of the amount payable on allotment.

Copies of the agreements and of the Memorandum and Articles of Association may be seen at the offices of the solicitors of the company.

company.

Application for shares must be made on the usual form, accompanied by a deposit of 10s. per share, and forwarded to the London or Swansea bankers of the company.

Prospectuses and forms of application can be obtained from the London and Swansea bankers of the company, or from the secretary

CANADA, AND HER RESOURCES.

CANADA, AND HER RESOURCES.

A considerable amount of valuable information is given in the pamphlet (just issued through Mr. Effingham Wilson, of the Royal Exchange) by Mr. CHARLES N. ARMSTBONG, the managing director of the Montreal and Sorel Rallway, and which is in every respect worthy of thoughtful perusal. With regard to minerals and rallways in which the readers of the Mining Journal are particularly interested, Mr. Armstrong says that like all new countries Canada requires outside capital to aid in developing its great natural resources. One of the most neglected sources of wealth in Canada is the large and valuable mineral deposits. During the last year or two a little more attention has been paid to them, but there is a field for the investment of a large amount of capital, which, if judiciously expended, would yield handsome returns. The Government has just introduced an Act giving a bonus of 6s. per ton on all pig-iron manufactured in Canada from Canadian ore during the next three years, and of 4s. per ton on all manufactured in the subsequent three years. The deposits of ore being enormous, it is likely that the bonus will lead to extensive working.

Canada from Canadian ore during the next three years, and of 4s. per ton on all manufactured in the subsequent three years. The deposits of ore being enormous, it is likely that the bonus will lead to extensive working.

Railway extension must continue on a large scale in Canada, and there will probably be many applications for money to assist in the construction of the various lines. In the discussions which have lately taken place concerning the Grand Trunk and Canadian Pacific Railways, their respective merits and demerits have been pretty well ventilated, and I need not refer to them here, more especially as foll particulars of both lines can be had at their respective offices. Many have assumed that these two great lines must necessarily be antagonistic, but there is really no reason why they should be. There is plenty of room for both of them. Grand Trunk shareholders are to apt to think that any new line in Canada must of necessity be a competing one. There is hardly a line in Canada that does not contribute to the Grand Trunk, and the prosperity of the other lines means the prosperity of the Grand Trunk. Under these circumstances the building of connecting and branch lines, which cannot but bring increased traffic, should be encouraged and not opposed.

Canada's development, like that of the United States, is greatly dependent upon its railway system. The rapid settlement of the United States could not have taken place had not the railways kept pace with and even preceded it. The tables given are very instructive, and are worthy of careful consideration by all those interested in railway matters. So little is known of most Canadian railways that a wrong impression prevails concerning them. In Canada many of the older settled districts are still without railway facilities, and opportantively small, and a moderante of capital with a certainty of immediate returns. In the newer country now being opened out railways are an absolute necessity. The cost of building these lines is comparatively small, and a mo

safe ones. No candid reader can study the facts which Mr. Armstrong furnishes without, as he observes, coming to the conclusion that few countries can offer as good a field for legitimate investments as Canada. Were their country of limited size the Canadians would need no extraneous aid, for they are well to do; but they have an enormous Dominion to people, and want assistance to do it well and quickly. Nature has given to the Canadians the task of feeding millions of Europeans given to the Canadians the task of feeding millions of Europeans whose native countries cannot raise sufficient food for the purpose. Canada does not shrink from it. Canadians are not timid people; they, however, look to the Mother Country to assist them in their great work by lending them some of her immense accumulations of comparatively idle capital, and by sending to Canada her surplus population. They will return them both with interest—the former in kind, the latter by making them happy and contented British subjects in Canada, instead of unhappy disloyal paupers at home. No country offers better security to investors than Canada. With such resources at her command as the foregoing statements show, she can pay her way without difficulty, and in the future, as in the past, be in a position to pay every debt when it becomes due; and, lastly, Canada never repudiates.

TRANSMISSION OF POWER.

TRANSMISSION OF POWER.

The object of the invention of Mr. J. D. WRIGHT, of Worcester, Massachusetts, is to provide a practical convenient and efficient mechanism for the transmission and repression of power and motion, with either right or left rotative action, throgh the medium of a revolvable shaft or spindle and a revolvable sleeve, or equivalent device, mounted in connection therewith, the said mechanism being adapted for free action by forces operating from one direction or applied at one extremity of the mechanical train while it resists back motion or action resulting from forces operating in an opposite direction or applied at the other extremity of the train. The direction of transmission being either from the shaft to the wheel or vice versa. A revolvable shaft has a sieve mounted upon it to turn thereon, and provided with an eccentric rigidity fixed to it (the sleeve), which may be the hub or axial support of a wheel or equivalent advice, or be connected to or with the operating or operated to turn free on the surface of the eccentric, but is arranged to be non-revolvable therewith by sultable engagement with other parts of the mechanism; in the present instance by gear teeth. A offined risance of the enchanism; in the present instance by gear teeth. A offined in stationary position on the supporting frame, said cylinder is provided with internal gear teeth, which mesh with the teeth of the ring for the purpose of confining said ring in such manner as will prevent its revolving with the eccentric, while permitting such freedom of action as will allow the ring to conform to the side throw or movement of the eccentric.

Any suitable device or equivalent may, if desired, be employed in lieu of gear teeth for confining the ring within the cylinder with

the eccentric.

Any suitable device or equivalent may, if desired, be employed in lieu of gear teeth for confining the ring within the cylinder with similar effect. A crescent shaped follower or curved wedge is arranged within the space between the ring and the inner surface of the cylinder; said follower is preferably made in two parts with an expanding spring; but in some instances this follower may be made in a single piece of greater or less length. The follower wedge of its parts should be of such size and form as will fit loose and fres between the ring and cylinder at their position of greatest eccentricity, but so as to bind or wedge between said parts when moved either toward the right or left, except the follower and eccentric are moved simultaneously, and in conformity with each other. A disc is rigidly keyed to the shaft, and provided with slots or recesses which engage with pins or lugs fixed on the follower and eccentric, and whereby said parts are moved when the shaft and disc are revolved. If preferred the arrangement of the lugs and recesses could be reversed, the pins or lugs being on the disc and the recesses in the represented the arrangement of the lugs and recesses could be reversed, the pins or lugs being on the disc and the recesses in the other parts; or any equivalent connecting devices may be used in lieu of said pins and slots. A crank for operating the shaft is provided; but any other means may be employed for revolving said shaft according to the machinery wherein this mechanical movement is used.

In the operation of this improved mechanism, when force is applied to the shaft, the revolution of the disc which is fixed thereon carries around the eccentric and follower or that portion of it which tapers backwards from the direction of the movement, and these parts the follower and eccentric eccentrically compensate each other, so that they are permitted free action within the cylinder, and the power and movement are transmitted freely through the mechanism —this, too, whether the direction of revolution is to the right or left when force is applied at the opposite part of the mechanical train or to the wheel or sleeve, the recesses in the disc permit sufficient independent action between the eccentric and follower to cause the latter to become a relative and the middle of the recesses in the disc permit sufficient independent action between the eccentric and follower to cause the latter to become firmly wedged between the cylinder and ring, thereby securely locking the parts together, and preventing all further backward action of the mechanism. Thus, in the hoisting machine, the

drum strain will The or the and that simp and ring portion intelligence to reunne or in the strain or in the

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drum can be readily operated by means of the hand-crank, but the strain of the load on the hoisting-drum, when the crank is left free, will not cause it to run backward and drop the load.

The effect is the same whether the revolution is in one direction

The effect is the same whether the revolution is in one direction of the other, the power being transmitted when applied to the shaft, and resisted when applied to the wheel or sleeve. If it is desired that this action should result in reversed order from the above it is simply necessary to change the relation of the connecting recesses and lugs. The follower could, if desired, be made as a full crescentic ring, or as a short portion thereof, in lieu of the two spring divided portions, although this latter form is deemed preferable. Also the said follower might be seated directly on the eccentric without the intervention of the ring piece, or said ring may be employed as a friction pad against the sides of the follower, said follower might also be used without a spring if desired; also a friction piece to slide in a V-shaped groove between the wedge and cylinder may be employed to retain their faces together with greater tenacity and prevent any unnecessary looseness between them which might cause disturbance or noise. All these modifications are within the scope of the invention, and effect similar results. This mechanism can be modified for use as a ratchet device by making the eccentric and shaft in one piece, connecting the disc to the eccentric, and employing the cylinder as the driving or driven wheel, a spring in such case acting between the disc and follower to ensure quickness of operation.

FOREIGN MINES

ALMADA AND TIRITO CONSOLIDATED SILVER.—Telegram from Mr. Ciemes, May 19: One week's run from furnaces \$9000. We have deposited either builton or dollars to await conducta destined for you at Bank of Eugland,

ALMADA AND TIRITO CONSOLIDATED SILVER.—Telegram from Mr. Clemes, May 19: One week's run from furnaces 89000. We have deposited either buillion or dollars to await conducta destined for you at Bank of England, \$1000.

CALIFORNIA GOLD.—A. Rickard, April 28: Good progress is being-made with stoping for plats in the shaft at the bottom of the 1400 ft.; they will be large and commodious for hardling the output at this stage; the lode is of fine appearance, fully 3½ ft. wide, yielding 8 tons of good grade milling ore and is ton of smelting ore per square fathom. The 1400 ft. level east is in 32 ft.; pending the cutting of the plat work has been suspended, to be resumed again shortly. The 1300 ft. level west is in 466 ft.; the lode has become small and saren. In the stopes of this level, at the junction of the main and south lodes, the pay is 10 ft. wide; after a few feet it branches off into two very distinct velus of mineral; each from 2 to 3 ft. wide, and the average output amounts to 19 tons of inir grade milling ore per fathom. The 1250 ft. level east (in 319 ft.) is suspende i; the stopes of this level are doing very satisfactorily, maintaining their yield at 7 tons of good grade milling ore and ½ ton of smelting ore per fathom. The ore body is apparently extending to the west, over the low grade mineral of the drift; two rises are started in the back of the old stopes to prove the ground; the first is at 170 ft. from shat, and up 34 ft., and No. 2 at 23 ft. from shat, and up 24 ft. The 700 ft. level stopes have been exhausted of all except low grade ore.

Telegram.—May 24: Mill run (38th week) 259 tons, yield \$2500 (500/L); smelting ore sales \$990 (198/L).

CAPE COPPER—Ookier, Capts. Henwood and Lanksbury, March 31: There is no material change to notice in the 105, east of new shaft, is still unproductive. The ground is the 92 is composed chiefly of quartz, which is favourable for copper ore. In the 92, north-west of No. 25 winze, the ground is this driving. The spouse of the productive ground in acuse of the p

RETURNS.—row march, dokiep, 1200 tons; Speciakel, 144 tons assays not yet received.—Bill of Lading Received: 340 tons of ore per Esempio.—Arrivals at Soniesa: The Espiegie and Rose of England.—Arrivals at Port Nolloth: The Sony, Golome, and Jose.

CJLOMERAN H Y OlfaULIC.—A. E. Oakes, April 3: Ditch: I must now bell you that a very serious disaster has occurre,, which will delay our washing for some time, and prevent a clean-up at the usual time. You know I have for long time been teeling anxious about the high flames which carry the water serous upon the narrow ridges of gravel to the buikhead. They have been renewed with-rea atong stoppage of work. I, therefore, strengthened the supports, hopping that he hames might hold out till me had sufficient pipes to lay to the mine form a higher part of the ditch. Unfortunately a heavy rainfail, together with the loakage from the flumes, has carried away the supporting ridge of gravel and let Jown al 1ng stretch of flumes. So extensive is the gap, and so rotten see the remainder of the flumes, that I recolved not to attempt repairs, but to remove the whole of the pipes to a new bulkhead about ½ mile higher up the dien and bring them down on the other side of the mine. This work is now being done with all possible speed. It may be some little consolation to you to know that I foreasw this calamity, and when I wrote to you about new pipes I selected a position for a new bulkhead, had the forest cleared from there down to be mine, and over aimse have head two men I worked ling the ground so at the ready for the pipes; therefore, instead of stopping us for a month I hepat toget through with the work in little more than hair that time. The reasmagement will set at liberty a good deal of pipes, which I shall be able to ten to account in opening Pavas or another mine; and to this subject I shall give my attention the moment the present breakdown was quite unavoicable. So one, however, can take it more to heart than I do.

—April 12: Progress of Repairs: We commenced work on Ma

GOLORADO UNITED.-Mr. Macrea, May 15: The 13th level, east of Silver

pare of men in order to open up the ground for stoping below the 60 as soon as to be all streams. To sufficiently with valued. The ground presented prepared to the 15 treams are sufficiently with valued and the state of the st

Further advices received from the resident director duting the second for all time, much less of the best of the occupant of the part of the best of the occupant of the part of the part

PROVINCIAL STOCK AND SHARE MARKETS.

PROVINCIAL STOCK AND SHARE MARKETS.

CORNISH MINE SHARE MARKET.—Messrs. ABBOTT and WICKETT, stock and sharebrokers, Redruth (May 24), write:—Only moderate amount of business has been transacted during the last week. A fair demand for South Frances, Carn Brea, and Cook's Kitchen at higher prices. Subjoined are the closing quotations:—Blue Hills, ½ to 1; Camborne Vean, ½ to ½; Carn Brea, 7½ to 8½; Cook's Kitchen, 28 to 30; Dolcoath, 57½% to 58½; East Pool, 44½ to 44½; Killifreth, 3½ to 3½; New Cook's Kitchen, 5 to 5½; New Kitty, 2 to 2½; New Tumpet, 1 to 1½; Pedmandra, 1½ to 1½; South Condurrow, 8½ to 8½; South Crofty, 7½ to 8; South Frances, 8 to 8½; Tincroft, 7 to 7½; West Basset, 5½ to 5½; West Kitty, 13½ to 1½; West Pevor, 4½ to 5; West Frances, 4 to 5; West Kitty, 13½ to 1½; Wheal Grenville, 8 to 8½; Wheal Kitty, 1½ to 5; Wheat Folgus, 10 to 32; Wheal Grenville, 8 to 6½; Wheal Kitty, 1½ to 2; Wheal Pevor, 4 to 4½; Wheal Uny, 55½ to 3½; Cook's Kitchen, 29 to 30; Dolcoath, 57 to 58; East Pool, 43½ to 44½; Killifreth, 3½ to 3½; Mellanear, 3½ to 4; New Cook's Kitchen, 5 to 5½; New Kitty, 2 to 8; Poulannear, 3½ to 4; New Cook's Kitchen, 5 to 5½; New Kitty, 2 to 2½; Pedinandren, 20s. to 22a, 6d.; South Condurrow, 8½ to 8½; South Crofty, 7½ to 8; South Wheal Frances, 8½ to 8½; Tincroft, 7½ to 7½; West Basset, 5 to 5½; West Foldice, 1 to 1½; West Seton, 12½ to 15; Wheal Agar, 14½ to 15; Wheal Basset, 5 to 5½; West Foldice, 1 to 1½; West Seton, 12½ to 15; Wheal Agar, 14½ to 15; Wheal Basset, 5 to 5½; Wheal Grenville, 6½ to 15; Sheal Peovor, 5 to 5½; Wheal Basset, 5 to 5½; Wheal Grenville, 6½ to 15; Wheal Revor, 3½ to 4; Wheal Calleys, 13½ to 14; West Pederandren, 3½ to 4; West Poldice, 1 to 1½; West Seton, 12½ to 15; Wheal Revor, 3½ to 4; Wheal Kitty (St. Agnes), 13½ to 1½; West Poldice, 1 to 1½; West Seton, 12½ to 15; Wheal Peovor, 5 to 5½; Wheal Revor, 5 to 5½; Wheal Grenville, 6¼ to 6½; Wheal Peovor, 5 to 5½; Wheal Grenville, 6¼ to 6½; Wheal Peovor, 5 to 5½; Wheal Basset, 5 to 5½; Wheal Follice, 1 to 1½; West Seto

Wheal Agar, 14½ to 15; Wheal Basset, 5 to 5½; Wheal Grenville, 6½ to 6½; Wheal Peevor, 3½ to 4; Wheal Kitty (St. Agnes), 1½ to 1½; Wheal Unv, 3½ to 3½.

— Mr. M. W. HAWDEN, Liskeard (May 24), writes:—The mining market has undergone no perceptible change and prices are much the same, a general dulness pervading the whole routine of business Subjoined are the closing quotations:—Bedford United, 1½ to 1½; Carn Bres, 8 to 8½; Cook's Kitchen, 27 to 27½; Dolcoath, 57½ to 53; Devon Consols, 4½ to 4½; Easts Caradon, 7½ to 1; East Lovell, ½ to 3½; East Pool, 4½ to 4½; East Caradon, 7½ to 1; East Lovell, ½ to 3½; Bounnislake (Glitters), 1½ to 2; Herodsfoot, 7a 6d, to 10a; Hingston Down, 3½ to 3½; Killifreth, 3 to 3½; Marke Valley, 1 to 1½; Mount Carbis, 2½ to 3; New West Caradon, 3½ to ½; Morth Herodsfoot, ½ to 3½; Old Gunnislake, ½ to 3½; Pennix United, 2½ to 2½; Prince of Wales, ¾ to 3½; Pedn-an-drea, 1½ to 1½; South Caradon, 3½ prem.; South Condurrow, 8½ to 8½; South Crofty, 3 to 8½; South Devon, 1½ to 1½; West Basset, 5½ to 5½; West Caradon, 1 to 1½; West Kitty, 13½ to 13½; West Basset, 5½ to 5½; West Caradon, 1 to 1½; West Kitty, 13½ to 13½; Wheal Basset, 5½ to 5½; West Caradon, 1 to 1½; West Kitty, 13½ to 13½; Wheal Basset, 5½ to 5½; Wheal Crebor, 2½ to 2½; Wheal Grenville, 6 to 6½; Wheal Hony and Trelawny, 1½ to 1½; Wheal Mary Ann, 1 to 1½; West Phenix, 1 to 1½; West Prances, 6 to 4½; Wheal Grenville, 6 to 6½; Wheal Hony and Trelawny, 1½ to 1½; Wheal Mary Ann, 1 to 1½; West Prances, 1½ to 4½; St. Just United, 6 to 6½; Wheal Kitty, 1½ to 1½; West Prances, 3½ to 6½; Pedn-an-drea, 1 to 1½; South Condurrow, 8½ to 8½; South Prances are run up to 29 to 30 to-day, Subjoined are the quotations:—Cara Brea, 7½ to 8; South Frances, 8½ to 6½; Theroft, 7½ to 7½; West Prances, 3½ to 4; West Prances, 8½ to 6½; Theroft, 7½ to 7½; South Condurrow, 8½ to 8½; South Crofty, 7½ to 8; South Frances, 8½ to 6½; Theroft, 7½ to 7½; West Prances, 8½ to 6½; Wheal Basset, 5 to 5½; Wheal Grenville, 6 to 6½; Wheal Mary, 1½ to 1½; Wheal Basset,

MANCHESTER.— Messrs. Joseph R. and W. P. Baines, share-brokers, Queen's Chambers, Market-street (May 24) write:—Business was not resumed with any vigour till last Tuesday, but since then a fair number of transactions are reported, the magnificent weather enjoyed during the holidays, and which still continues, inducing some buoyancy. Since our last report some very serious depreciations have occurred in several of the foremost speculative stocks, and in view of possible trouble at the settlement, which commences on Monday next, operators have shown some indisposition to move largely. It is believed, however, that the result of the fall in values has been somewhat anticipated, and that it is In some part due to closing of "bull" accounts that has made the fall so sovere. Should this prove true and the settlement passes off without any heavy trouble, it appears very probable that values all round may experience an upward movement. The cases showing the greatest decline are Brighton A's and Mexican Rails, both of which have suffered heavily in value. Foreign funds irregular, but now the balance of changes is favourable. Miscelianeous shares as a whole are very quiet, and market weaker. MANCHESTER .- Messrs, Joseph R. and W. P. Baines, share

changes is favourable. Miscellaneous shares as a whole are very quiet, and market weaker.

BANES, with the exception of a fall of 1 in Liverpool Commercial and a rise of \$\mu\$ in National Provincial Ordinary and New, are very little changed. Manchester and County are \$\mu\$ to \$\mu\$ higher, and Consolidated \$\mu_{16}\$ lower. The rest are steady, and a fair business is going on herein.

INSURANCE shares very neglected, and market shows renewed weakness, there being no case in which prices have advanced as against a number marked lower. The changes, however, are by no mears severe in any case.

COAL, Riox, &c., AND Mining.—Further downward movement is to be noted since Tuesday. A few lots have changed hands, but very little is going on. The only instance of rine is John Brown and Co.'s, which are \$\mu\$ up, whilst the following are lower:—Staveley Coal, &c., A, 2 to 2's; Bolekows fully paid, 1/\$ to 13'. Tredegar Coal, &c., A, 4' to 1; Bolekows 12'. Paid, \$'to 3'; West Cumberland Iron, &c., \% to 3's; Telegraph Construction and Maintenance, \$'s; Ebbw Vale, \$'s; Palmers, A, \%; and Cammells, \$'d.

COTTON BPINNING, &c.—A very fair demand continues for these shares, and prices are either quite steady or showing some advance.

TELEGRAPHS.—With the exception of Globe Preference, which are \$'\mathef{m}\$ higher, what changes there are, are adverses. Anglos, of all issues, are distinctly down on the week. Telephones quiet, and only changes marked are National \$'\mathef{m}\$ and United 3'\mathef{m}\$, both lower. Miscellaneous.—Beyond the spring in Electric Light companies' shares there is no movement worthy of mention.

RAILWAYS.—On the whole the balance of movements is favourable on the week, the ster was having seen some amount of buoyancy, but the heavy falls in Frighton A's and Mexican Rails, coupled with getting towards the fag end of a long account, have restricted business. Canadians have fluctuated, but do not now show much change from last week. Americans very fickle, but to-day look rather better, advices from the o

SCOTCH MINING AND INDUSTRIAL COMPANIES SHARE MARKETS.

STIRLING .- Mr. J. GRANT MACLEAN, sharebroker and ironbroker (May 24), writes: — During the past week prices have generally declined, in sympathy with the pressure of sales resulting from a heavy failure on the London Stock Exchange. Prices, however, are

(May 24), writes:— During the past week prices have generally declined, in sympathy with the pressure of sales resulting from a heavy failure on the London Stock Exchange. Prices, however, are now generally at safe enough points for investors; and, as the Money Market shows an easier tendency, an improvement will likely set in, provided the approaching settlement is satisfactorily got over.

In shares of coal, iron, and steel companies the principal alteration has been a decline in Bolckow, Vaughan shares, owing to a strike at their Middlesborough works, where upwards of 1000 tons of iron per day are consumed. Chapel House shares are at 5s. to 10s. Marbellas touched 5f. 6s., but have since declined to about 5f. 1s. It appears the debris referred to in last report has been wholly removed, and a satisfactory output of ore is now being got.

In shares of foreign copper concerns Thars's have been done at 7l. 1s. to 7l. 3s. Arizonas have declined from 5l. 0s. 6d. to 4l. 16s. Canada Coppers are -t. 14s. to 16s.; Huntingtons, 5s. to 8s.; Mason and Barry touched 14l. 16s. 3d, ex div., but are now firmer about 15, and Santa Gua are at 1s. 6d. to 2s. 6d.

In shares of home mines business has been quiet, Glasgow Caradons steady, about 12s. Carn Cambornes are at 20s. to 25s.; Devon Friendships, 4s. to 6s.; East Bine Hills, 8s. to 7s. 6d.; East Caradon, 12s. 6d. to 17s. 6d.; Frongochs, 17s. 6d. to 22s. 6d.; Goodeweres, 5s. to 7s. 6d.; Gogmans, 10s. to 15s.; Hingston Downs, 5s. to 7s. 6d.; East Caradon, 12s. 6d. to 17s. 6d.; Frongochs, 17s. 6d. to 22s. 6d.; Goodeweres, 5s. to 7s. 6d.; Cogmans, 10s. to 15s.; Mount Carbis, 20s. to 3s.; North Services, 10s. to 12s. 6d.; Parkas, 5s. to 7s. 6d.; Polrose, 5s. to 7s. 6d.; Routh D'Eresby,

EDINBURGH.—Messrs. THOMAS MILLER and Sons, stock and share brokers, Princes-street (May 23), write:—The markets have been very flat during the past week, and in some cases such as Brighton Deferred and Mexican Railway the fall has been very been very flat during the past week, and in some cases such as Brighton Deferred and Mexican Railway the fall has been very severe. Canadians and Americans have participated in the general depression. An improved tone in home railways is now, however, perceptible. Since Wednesday last week Caledonian has gone from 103¼ to 102½; North British from 99¼ to 98½; Edinburgh and Glasgow from 37½ to 37; Brighton Deferred from 10-3½ to 10½; Mexican Bailway from 136 to 125½; Grand Trunk from 19 to 18½; the Third Preference from 45½ to 41½; Great Western of Lauadia from 14½ to 14½; Eries from 364½; 10 mines Arizona have fallen from 105, 6d. to 97s.; the New shares from 20s. to 19s.; Tharsis from 7. 3s. to 7t. 2s.; Marbella have risen from 92s. 6d. to 102s.; Rio Tinto from 21½ to 21½. In oil shares Burntisland have advanced from 21 to 22; Clippons from 14½ to 15½; Midiothian have receded from 91. 18s. 9d. to 91. 17s.

TRISH MINING AND MISCELLANEOUS COMPANIES SHARE

South Mall (May 23), write:—Great Southerns were again done at 122\frac{1}{2}, and Midlands changed hands at 90\frac{1}{2}. Wicklows were 70. Bandons remain 87, but Kinsale Preference changed hands at 90. National Banks were done at 25\frac{1}{2}, and Munster at 6 15-16ths. Hibernians were 30\frac{1}{2}. No change in Provincials. Nothing done in Alliance Gas, but Cork Gas were asked for at 11\frac{1}{2} to 11\frac{1}{2}. Lyons shares were also wanted at 5\frac{1}{2}, and Gouldings were done at 9\frac{1}{2}. Dalys remain 2\frac{1}{2}, and Gresham Hotels 3\frac{1}{2}.

Mining Correspondence.

BRITISH MINES.

BRITISH MINES.

ANDERTON TIN.—W. J. Bowhay, May 23: We are driving west on the course of the lode, and stoping splendid stuff for the stamps. At no time since I have known the mine has the lode looked better, nearly 6 ft. wide, and rich throughout for tin, some parts of it extremely rich. I assayed a portion I broke on Saturday last, which gave a produce of 9 cwts. 1 qr. 14 lbs. of tin to the ton of stuff. Of course the lode is not all like that, but it is very rich throughout. The enlargement of our store pond now enables us to keep the stamps fully going, so that we are enabled to do a fair day's work, although the dry weather has reduced the size of the stream. We are pushing on with another batch of tin for the market. The shaft is collared up, and partings put in ready for the pitwork, which we hope to begin putting in in a few days. The engine-house is nearly ready for roofing, and the heavy parts of the engine and boiler are on the mine. In all departments we are pushing on with energy, and in a very short time we hope to have the water clear to the 20 below adit, when I feel sure we shall have a spendid mine.

BLUE HILLS.—S. Bennetts, R. Harris, H. Gripe, May 23: The 66 east end. on Pink lode, is worth 4t, per fathom. The Baldhu lode, in the 54, both cast and west, is producing low quality tinstuff. The 42 east is worth 5t, per fathom. The 30 east is unproductive, and the Gumpas adit west end is worth 5t, per fathom. The 3c ast is unproductive, and the Gumpas adit west end is worth 5t, per fathom. CARN CAMBORNE.—W. C. Vivian, May 23: The following is my report on the several points of operation in this mine. In the 105 cross-cui south from engine-shaft we have advanced about 3½ fms., and the granite has slightly improved as affecting progress. In the 95, on the south lode, we had no west ward from the sump that we have a large lode composed almost entirely of chlorite, or peach containing tin; of this lode we are opening out in the drivage a width of about 5 ft., but its full size is not yet ascertained

wall, which we find well defined, with an underlay of about 1 ft. in a fathom. We have thus found the width of the lode to be 11 ft., and its composition to be blende, chlorite, sugar spar, and rich patches of copper ore. We are now commencing to open westward through this large ine looking jode.

24: It is with great salisaction I report the successial starting, and continuous working since, of our new life on Monday in the new shaft, sinking each yellow the salisaction of the commence of the continuous working since, of our new life on Monday in the new shaft, sinking each yellow the life down of ft. which warrants my saylog, if circumstances continue favourable, we shall be deep enough for a 34 fm. level within four months. The lode is very large; although the shaft is at present 7ft. wide, we are not carrying the whole of it. The appearance of the lode is most cheering, not only for pushing down a speedy sink, but for producing lead also, of which we are breaking good stones. The smalls are exceedingly rich in lead, and we are saving the whole of the produce of the shaft for the dressing-flows. The 14 end cast is at present poor for lead, but is producing more blende than usual. Our engine is working well, and, considering its additional lode, is taking very little extra coa's.

CARNARYON COPPER.—J. Roberts, W. Darby, May 22: The new discovery at the 46, Cae'y groen, conthines to look very genoranging, and the 46, Cae'y groen, conthines to look very genoranging, and the 46, Cae'y groen, conthines to look very genoranging and the day and the same ratue as r-ported last week, worth 1½ ton per fathom.

CAPHEDRAL CONSOLS.—S. Davey, S. Davey, Jun., May 21: The 62 is still being extended east, where the look is 4 ft. wide, composed of quartz, prian, and fluor-spar, producing about 28 ibs. of the tothe ton of stuff. We have no change to remark in any other part of the mine.

COLLACOMHE CONSOLS.—Bon, and every effort will be continued to reach the desired points as soon as possible. Takers is all good copper ore in

oughly drained.

CWM DWXFOR AND BRYNARIAN—(Brynarian Mine).—John Davies, fay 24: Joseph's Level: The ground continued the same th May 24: Joseph's Level: The ground continues the same, there is no improvement yet. The lode or branch we are driving on keeps to the west.—Pensars; there is no improvement in this level, the lode is fully 4 ft, wide, with nice spots of lead and blende throughout.

DEVON FRIENDSHIP.—F. R. W. Daw, W. Gill. May 24: We shall send you full report on our underground surface operations next week. Mine looking well, and the dressing machinery working highly satisfactority.

DEVON FRIENDSHIP.—F. R. W. Daw, W. Gill. May 24: We shall send you a full reports on our underground aurface operations next week. Mine looking well, and the dressing machinery working highly satisfactorily.

DRAKEWALLS UNITED.—M. Bawden, May 21: Since making the alterations in the clack as mentioned in last week's report, we have forked 2 fms., the water being drained to a depth of 35 ft. below the deep arit. The 50 is now free of water, and is being cleared of slime, old timber, &c., and on Saturday we shall be able to see if there is any ground at this point to assist us during the time we are draining the mine. Staturday being our setting-day, a full report will be sent you next week, and I have no doubt that satisfactory progress will be made in forking the mine. The machinery is in thorough order, and working well. We old on the 22nd inst. from tin in stock 14 tons 14 cwts, 2 qrs, 9 lbs. black tin, at 554. 15s, per ton, amount \$214. 2s. 104.

EAST BUCE HILLS.—S. Ben etts, W. K. Mitchell, May 23: The lode in the adit east end is 154 to 2 ft. wide, and somewhat more tinny than last noticed, and the ground slightly harder. The stopes are much the same as last reported. Both the 33 and 40 east ends are producing some tinstiff, but not of much value.

EAST BUCK HAMEN—George H. Engine T. Testagic May 23: The abstrace.

value. EAST BOTALLACK.—George H. Eustice, T. Trahair, May 22: The shaftmen continue to make good progress in sinking the shaft on the New Balleswidden lode, having sunk about 1 fathom during the past week, and the lode fully maintains its size and value, and at no former period has it looked so well as at present. In the level above driving west the lode is not quite equal to last report, while that in the end driving east has rather improved. It is very satisfactor to find that in sinking the lode improves in appearance, size, and value, and if it only continues as at present will open out a valuable mine.

with mundic and copper ore throughout. Our tin and copper pitches throughout the mine are producing their usual quantity of tin and copper ore. There is no particular change in any other part of the mine.

EAST WHEAL ROSE.—Wm. Skewis, T. Doldge, May 22: Penrose's engine-shaft is drained to the bottom of the bearers below the 42: Penrose's engine-shaft is drained to the bottom of the bearers below the 42: Penrose's engine-shaft is drained to the bottom of the bearers below the 42: Penrose's engine-shaft is drained to the bottom of the bearers below the 42: Penrose's engine-shaft is drained to the total the theory of the content of the theory of the content of

change to notice.

GODDARDS LEAD.—R. H. Vivian: In the eastern adit the lode this week shows great strength of vein stuff, being well charged with carbonate of line, blende, and lead ore, improving as we advance. We only want a little more cover or depth, and then we shall have a good paying lode. Pushing on this level as fast as nossible.

has as possible.

GREAT WEST CHIVERTON.—J. Curtis, May 23: In the past week we have made good progress in sinking the engine-shaft and cutting the cistern plat below the 10 fm. level, which will be ready to receive the new lift by Saturday.

made good progress in slinking the engine-shaft and cutting the cistorn plat below the 10 fm. level, which will be ready to receive the new lift by Saturday next.

GREAT LAXEY.—W. H. Rowe, May 23: In the deep mine the 259 end north continues to be of the value last reported—12l, per fathom. The winze in the 24f, in advance of this end, is worth 14l, per fathom. The lode in the 24f end is thrown by a small slide, and at present poor. We are cross-cutting westward for the lode in the 25e end north, and from the indications it is close at hand. There is a strong lode for blonde in a winze sinking below this level, in advance of the 24f end, worth 22l, per fathom, and this is also about the value of the engine-shaft sinking below the 25S. An improvement has taken place in this end driving south, where the lode has for some time been of a promising character, and discharging an unusual quantity of water. It is now worth 10, per fathom, and should the ore continue may lead to something very important in this direction. There is no change to notice in the stopes, a number of which have latterly been turning out a good deal of low class stuff. Those in the middle ground also, recently started, have so far not come up to expectations, but the end driving south of rise, and corresponding with the 70, continues to be worth 16L, per fathom. The 230 end, north of Dumbell's shaft, I am glad to say, has improved, now worth 18L, per fathom, and the 200 end 11L, per fathom. Before driving upon the estern branch in the ault end north, we think it desirable to cross-cut west for the other branch of lovels.

GREEN HURTH.—Jas. Poglages, May 17: The vein in the 44 end is improved for lead, and worth 3½ tons per fathom. In the 44 end south the branches are falling together, but no change for the better yet. No. I winze is worth 6½ tons per fathom. No. 2 winze is suspended on account of water. No. 3 winze is worth 2 tons per fathom. No. 2 vein 30 level) is in hard limeatone, vein small. We purpose setting a rise in the bed of this lev

level) is in hard limestone, vein small. We purpose setting a rise in the back of this level to-morrow to test the vein in the Hayle. Dressing going on a usual.

HARRHOPE GILL.—G. Robson, May 19: Since the 5th No. 3 drift has been driven 9 fms. and we have only a few drops of water in two places in the roof. The small feeder in the shaft continues about the same. Fair progress has been made in constructing the eages, cage-guides, &c.

HEALEYFIELD.—J. Trelease, May 19: The Success level is now driven up under the foremost sump south; we purpose rising now against the sump. There is a large feeder of water coming out of the west side of the end, which leads us to think it may drain the sump, and if so I will place some men in it. I am led to think that there is still a vein or strings to the west of said sump as we find water coming in from the west-side for over 100 fms. in length. After we communicate this point we will cross-cut both east and west of its the success level is now up 5 fms, but it still continues in shale disseminated with spots of lead and sulphur. I hope by next week to reach the still, and if found productive, it will open out a large area of ground for stoping. I have reset the following bargains this week:—Scott's stope, in back of main level south, for three months forward, at 40s. a bing, worth 10 cwts. of lead per fathom; the ground is easy for stoping, and the lede has a very strong appearance. Deakon's stope at the No. 3 stunp, in bottom of incline, is also reset at 42s. a bing, for three months, worth 15 cwts. of lead per fathom, ground hard for excavation, but it has some good strings of solid lead on the east side which are inclining to the vein. Collins' and Crofts' stope in the bottom of main level, at No. 3 sump, I have reset the back of main level, at No. 3 sump, in the reset the back of main and the case of the country of present parcel of ore to-day—11 tons—and are buy dressing another level mouth about 220 fms. This level will be of great service in the future working of the

this level crossing the Healeyheld vein, and I think this very encouraging for our prospects in depth. Outside work going on as usual. We shall complete delivery of present parcel of ore to-day—31 tons—and are busy dressing another parcel.

HINGSTON DOWN.—T. Richards, May 23: The engine-shaft has been sunk during the past week 4 ft., total depth 6 ims, below the 40 fm. level; good progress is being made, and the ground is of a very favourable description. The 49 east by four men, has been driven 4½ ft., total distance from the shaft 13 fms. 5 ft. 6 in.; the lode is large and promising, containing capel, quartz, arsenteal mundle, wolfram, peach, &c., and some copper ore.

KILLIFRETH.—John Mitchell, Joseph Tamblyn, May 24: There is no change in the mine to notice since last reported on, with the exception of having cut down the water from the bottom of the 40, west of cross-course, where we have now commenced to sink a winze which is worth from 25t. to 30t. per fathom.

LEADHILLS.—T. Newbigging, May 21: Lead ore dressed, 65 tons 9 cets.; sold and delivered, 75 tons. Pig lead bars made, 272 from furne, 128 from furne slags, and 56 from groy ore; ditto sold, 1200 bars. We are getting well on with our surface improvements, the weather being very favourable.

LLANDEGLA.—H. Hotchkiss, May 22: The only change in new shaft is a small feed of water coming up from the lode in bottom of the shaft; this might be looked upon as an indication of a further change near by.

MELLANEAR.—J. Gilbert, May 23: The ground in the 30 cross-cut, driving south of Gundry's shaft, is still mixed with mundic and spar, and looking very kindly, but is a little harder for driving. In the 70 cross-cut, north of main lode, east of Gundry's shaft, is the ground is much easier for driving, and letting out some water, and looking favour ble for the production of copper ore. The lode in the 100, driving west of shaft, on the main part, the lode is 6 ft. wide, yielding 1½ tons of ore per fathom, and letting out some water, and looking favour be for th MID-DEVON COPPER.-James Neill, May 19: A Shaft: Water in fork to

bottom of 30. Machinery working well at 3½ revolutions.—C Shalt: stope, worked by four men and one boy, in western end is composed quarts, hornblende, garnet, and chlorite, with black and yellox ores throughout in paying quantities. The rise from 50 stopes, worked by thas yielded good branches of yellow ore. These branches are tending in eastwards, and the strata around them are highly mineralised. The 50 of the control of the stope of the source of the stope of the st quartz, normhende, garnet, and chlorite, with black and yellox ore scattered throughout in paying quantities. The rise from 50 stopes, worked by two men, has yielded good branches of yellow ore. These branches are tending north and eastwards, and the strata around them are highly mineralised. The 50 cross-cut north has been driven 4 ft., by six men, the yield of ore has fallen off at this point, but am pleased with its appearance. This morning, in the extreme end, there is a large deposit of chlorite, embedded in which are stertites and a little yellow ore showing around, the whole being in this lode indications to larger quantities of ore. It is a promising point, very similar to that which in other 2 tons 6 owts.

is, 3d. to 2s. 6d. Oritis. 2os. to 2s. 1 and 2s. 10 and 11 and 2s. 10 and 2s. 10

NEW CARADON.—N. Richards, May 23: No. 4 lode, in the adit level driving east of shaft, is without change to notice, being large and well defined, producing good stones of copper ore. There are, in addition to this, four or five other lodes; the two next, and which are within 4) fathoms of No. 4, are also large, and have a strong masterly appearance where seen in the cross-cut; and, as you are aware, this sett is bounded on the east by the south part of South Caradon, and the north part of New South Caradon, and at the above lodes referred to inter-ected in our cross-cut are the same as those running through the Foredown property, I consider you have a valuable mineral property, presenting indications of permanent success.

NEW KITTY.—W. Visian, May 24: Thomas's Shaft: We have cut down this shaft in places to the addit level, and put down the pitwork. I purpose to resume the sinking of the shaft next week. Seeing the 50 fm. level in West Kitty is opening up so well in the direction of Thomas's shaft, I am looking forward to a great discovery at Thomas's shaft, I am looking forward to a great discovery at Thomas's shaft, I am looking forward to a great discovery at Thomas's shaft, I am looking forward to a great discovery at Thomas's shaft the winding machinery into the mine, and shall at once commence to erect it. We shall have sufficient power to draw all the stuff from the mine to supply 100 head of stamps. The foundation for the stamps will be completed this veek, and we purpose commencing the erection of them next week. We are pushing on the cross-cut towards the winze, and are in over 4 fms. No alteration of the lode in the stopes. All other work is progressing satisfactorily. Sew VAN CONSOLS AND GLYN.—H. B. Vercoe, D. Douglas, May 24: We have no particular change to advise you of since our full report of last week. The stopes continue to produce their estimated commenced carting to Llanidloes towards our next sampling, and which will be an increased quantity in half the time as compared with the past quart

commenced carting to Lianianoes towards our next sampling, and when we are increased quantity in half the time as compared with the past quarter's couput.

EW WEST CARADON.—N. Richards, May 23: There is no change to notice throughout the mine since last week's report, all points being quite equat to what was then stated. Next week a full report shall be sent you.

NORTH BLUE HILLS.—S. Bennetts, May 23: There is not much change to notice in the lode in the adit west end during the past week. We are promised the engine shall be in readiness by Saturday or Monday next.

NORTH BUSY UNITED.—Jno. James, May 23: There is no change worth special notice. The different operations continue as reported last week.

NORTH GREEN HURTH.—J. Polgiase, May 17: Nothing new in the deep level cross-cut. The men will commence driving on the vein recently cut next week. The cross-cut is driven past the vein 6 fms. 4 fs. Nothing new in the south end. We shall soon have to put a rise through in this level for ventilation. NORTH HERODSFOOT.—T. Trelease, May 24: We have more water and mundle in the 117 and than we have seen before since we commenced to drive on the flookan, and I am hoping this is an indication of the lode coming round to the flookan. The No. 1 south stope has got up into a floor of disordered ground, and the lode is become unproductive. I have now put the men to drive into the eastern part of the stope, where I hope the lode will again improve. The men have been dissuing the lode in the No. 2 stope, which was last reported at 3 certs; we shall take it down in time to send its value again for next week's a time the statement of the stope, where I hope the lode will again improve. The men have been dissuing the lode in the No. 2 stope, which was last reported at 3 certs; we shall take it down in time to send its value again for next week as 2 certs; we shall take it down in time to send its value again for next week as 2 certs; we shall take it down in time to send its value again for next week as a cert is a lode near at

water has again increased this week; the end now looks as it there is a local near at hand.

NORTH PENSTRUTHAL.—S. Davey, W. Polkinghorne, May 24: Setting Report: Highburrow shait to sink below the 132 fm. level by 12 men and four boys, at 37t. per fathom; sunk below the 132, 17 fms.; the granite in the bottom is of a friable and mineral bearing character. The 132 to drive west by six men, at 6t. per fathom; driven west 30 fms., lode 3 ft. wide, producing a little tin and copper. The 120 to drive west, by four men, at 9t. per fathom; driven west 74 fms. Here we have met with a small cross-course, which has tilted the lode a little to the north. To rise in back of the 108 by two men, at 5t. per fathom; per fathom; driven 8t fms., the granite is at present hard and spare of progress.

fathom; up 4 fms., lode poor. The 5c cross-cut to drive horten by low field, at 121, per fathom; driven \$1 fms., the granite is at present hard and spare of progress.

NORPH TRESKERBY.—Pryor and Son, May 24: Saturday last, May 19, being our pay and setting, we again set the deep a lit level to drive north of Scorrier Causels engine-shaft, by six men and one labourer, at 4.5 s. per fathom, for the month or to cut the lode. The ground in the end is composed chiefly of spar, and is letting out a considerably increased quantity of water, which makes it spare for progress. However, it is our opinion, we are very near the lode, and we are more than ever convinced that we shall interest it within the distance mentioned in our previous reports, and when out though we shall at once open east and west of cross-cut on this as well as the last lode cut with full pares of men, from which we shall soon be sending to surface fine heaps of tinstone. The carpenters, masons, and smiths are making rapid progress with their work for the rock-drilling machinery, and by the end of the next week they will be in readiness for same, which has not yet arrived.

OLD GUNINISLAKE.—W. Skewis, R. C. Seccombe, May 23: In the last fathom driving of the add level west the lode has slightly improved in size and appearance, and more water is issuing therefrom. As we are led to believe, we shall cut Williams's cross-cut in a few fathoms more driving; we may hope for better results soon. The winze is now the required depth for levels; we shall therefore at once commence driving to ascertain if the main part of the lode is standing north, as we anticipated. The machinery is in an efficient state of overking.

OWEN VEAN AND TREGURTHA DOWNS—Wm. Derry, Hy. Prin, May 24:

owen vean and tregurtha downs -Wm. Derry, Hy. Prin, May 24:

results soon. The winze is now the required depth for levels; we shall therefee at one commence driving to assertain it to main part of the louis standing north, as we anticipated. The machinery is in an efficient state of working.

The hovers are being fixed to carry drop-lift, and cistern plat is being cleared for plunger-lift at the 20, which it is hoped to have completed and at work in about three weeks. The adit level is quite clear to the very eastern part of owen Yean, and launders will at once be put in to carry the water across the did workings. The new skip-road shafts are completed some fathoms below the skile level, and will speedily be ready for drawing instaut. In exploring the levels already drained there is found a large quantity of good tintuit to come sway cheap, especially northward near the water-stip state, speed of time.

"William Hancock, May 22: I was at the mines yesteriagy—Engine-Shaft: Water is down about 8 it, bloow the 17. Preparations are making to fix prunger lift at this level and drop below. So very shortly, all go well, one or two more levels will be clear of water. The 17 is not sufficiently cleared as yet to properly examine it,—South Lode: Stack shaft is out down, and secured 2 funz, below skile level for double skip-road.—Sorth Lode: Water-stile shaft completed to skil, also for double skip-road.—Splendid stones of this are being found in the desira here. Bridge shaft rotoway will soon seed the good way in the Owen Yean part of the sext. Prospects exceedingly good.

PARYS COPPER.—T. Mitchell, May 24: There is not much change in either of the points of operation this week. The 63 east is not looking quite as well as it has been. The orey part of the lobe has been shifted a little towards the hanging side by a small joint, which has just its appearance. Surface operations are going on very well, and a vessel has just arrived with a cargo of oil iron for the precipitation pits.

"FERHALLS.—S. Bennetts J. Goyne, May 23: The 80 west end is much as the supplication of the service

POLROSE.—W. Bennetts, May 23: Last Saturday we lengthened the bucket-rods, and put in another pump to the bottom litt for sinking the shaft below the 112. The men are now in regular course of sinking, but we have not taken down any of the lode so far this week; it is about 2½ ft, wide. I will send you a full description of it in my next week's report.

description of it in my next week's report.

PRINCE OF WALES.—8. Roberts, May 22: I have been down to-day and cut through the lode in the 102 west, and find it 3 ft. wide, and I assayed it, and in that place it is worth 202, per fathom for tim. No copper in it; it is as splendid looking a tin lode as can be seen.

PRINCE OF WALES.—8. Roberts, May 23: In the 102 cast the men are driving by the side of the lode, opperantly no change to write alone last the results.

rMiNCE OF WALES.—S. Roberts, May 23: In the 102 cast the men are driving by the side of the lode, consequently no clange to notice since last week. In driving the cross-cut north at the 102 west about 3½ fms. we intersected the lode, which is (so far as can yet be seen) 3 ft. wide, producing very rich stones of the and from an assay of the whole width of it it is worth 20. per fathom, being tqually as good east of cross-cut east as it is west, and should it continue as good it is in the cross cut (which we have every reason to believe it may) it will be 2 good discovery. It has every appearance of being a rich tin lode. In the 90 cross-cut north the ground at present is hard and spare for driving. No change to mention in any other part of the mine since last report.

of the same frable nature, with branches interspersed, bearing rich yenow copper.

TAMAR.—R. Goldsworthy, May 24: I am pleased to inform you the new shaft has been communicated with the rise, which has well ventilated all the south part of the mine, and will enable us to resume driving the 27 fm. level on the South Tamar lode at once.

TANKERVILLE GREAT CONSOLS.—A. Waters and Son, May 24: Tanker-

TANKERVILLE GREAT CO NSOLS.—A. Waters and Son, May 24: Tankerville Mine: There is no change worthy of remark here since our last detailed
report. We expect an improvement shortly in the 182, west of cross-out, on
north lode. Potter's Pit is now dry, and the shaftmen have resumed sinking in
the line of ore ground.—Pennerley: The new winding engine fixed at the 8 on
Warm Water lode, and driven by compressed air is working splendidly. Lode in
the shaft below the said level is worth 3 tons per fathon. The two stopes below
level, east of the cross-cut, are together worth 4 tons per fathon. The stope
above the level now within about 3 fms. of the 70 is worth 3 tons per fathon.
The other points are without change for some time past.—Bog Mine: We have
not yet effectively drained the ore pits in 175, west of the junction, but hope to
do so as we deepen the shaft. We are now down 10 fms. 3 ft. 6 in. below said
level, and the water has lowered in the ore ground 10 in. since yesterday. The
lode in pits 12, 13, 14, and 15 shows good orestuft.—Tribute Department: 12
pitches are worth together 2 tons 10 cwts. of lead ore, and 12% tons of blende
per fathom.

pitches are worth together 2 tous 10 cwts. of lead ore, and 12½ tous of blende per fathom.

TREGEMBO.—Edward Chegwin, May 23: The following is my report of the above mine: In the 16, east of cross-cut, the lode is 2½ it. wide, worth for tin and copper ore 25£, per fathom. In the 16, west of cross-cut, the lode is 2½ it. wide, worth for tin 10£ per fathom. In the wines sinking below the adit level, 25 ms. west of the cross-cut, on Tregembo lode, the lode is 4 ft. wide, worth for tin 15£ per fathom. In the adit end, driving east of Pinnick's shaft, on Tregembo lode, the lode is 3 ft. wide, worth for tin 10£ per fathom. The new eastern shaft is down from surface about 7½ fms. The shaftmen are making good progress with the sinking of the engine-shaft below the 16, and are at present down 2½ fms. The shaking lift at Pinnick's shaft was sent down yesterday. The calciner and flues are almost completed. The round busidles will be ready to work next week, and all work connected with the dressing-floors is being advanced with all possible speed.

to work next week, and all work connected with the dressing-floors is being advanced with all possible speed.

WEST CARADON.—N. Richards, May 23: There is nothing new to report on throughout the nine since my last—the various points yielding in the aggregate from 11 to 12 tons of copper ore per fathom. Next week full particulars of all points in operation shall be sent you.

WEST CRAYEN MOOR.—D. Williams, May 24: The new cross-cut from Blackhill adit level has been extended towards the main lode a distance of 24 fms. We are continually meeting with branches of spar here highly charged with lead ore, which no doubt are filers off the main lodes in advance. In the 20, east of new east shalt, the lode is 2 ft., and producing saving work of good quality for dressing. A stope in back of the level in a lode 2 ft. wide, and producing 20 cwts, of lead ore per fathom; both points are let together as a metal pitch at 90s, per ton of dressed ore. No. 4 winze is down 7/2 ims, below the 20

THE MINING JOURNALL.

| DOMAN CHAPTER A. Water and Ben. My 21 Statistics and 1, the 15th in 15th and 1

From Mr. John B. Reynolds:—There appears to be a marked improvement in the tone of the markets. Quotations have seriously suffered, however, on the Stock Exchange, owing to recent heavy financial embarrassments; but matters are being adjusted with the customary precision and success. Mining shares have not materially falien in price; but though appearances of late have been gloomy there are now decided indications of the depression passing away. Like all other scares the Dolcoath business has produced a prejudicial and exaggerated effect on the instory of Cornish mining that such an alleged fraud has been perpetrated, and we have every reason to believe that it will be the last. As to the attempt by the advocates of the Limited Liability principle to make capital out of the circumstances of this case, the arguments will let altogether the other way, at the history of the Redpath and other frauds proves. Nevertheless the reforms which are being freely discussed in Cost-book management are full of promise, and no doubt will greatly encourage investors in this class of security. Dolcoath shares are firmly held, and there seems no disposition on the part of the shareholders to realise. Notwithstanding all that has been written concerning the alleged defalcations, the total loss per share will be so insignificant as to make it a matter of little or no importance to the Dolcoath proprietors. Moreover, the mine is excessively rich, probably more so than at any former period in its history. The company has, in addition, the undoubted advantages of having a manager in Capt. Josiah Thomas, than whom it would be almost informer quotations, whilst Killiriteths (to which we called attention some time ago when they were at is, each) have been in demand at advancing prices. It is to be hoped that this mine will pay recursal dividends, and that it will be indiciously worked with that object. West Kittys have been remarkably firm, and no shares offering under 14. This splendid property more than holds its own, and the meeting i

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unwiiringness on the part of the West Polbreen shareholders to part with their interest, notwithstanding favourable opportunities. The explanation would not be difficult to find by anyone who would take the trouble to inspect that property when going though others in this district. We have on more than one occasion asserted our belief that these properties take no together represent very great wealth, and we see no reason whatever to change this opinion. Subsequent events will prove whether or not we are too sangulue in our estimates, but in the meantime there is no question that parties buying shares at present stand to lose but very little.

Late on Thursday night a telegram was received from West Polbreen announcing the cutting of the lode good. This is of immense importance to the district. The success of South Caradon is giving great satisfaction to those who favour legitimate mining investments.

TO THE METAL TRADE.

COPPER, TIN, LEAD, &c., as MESSES. PELLY, BOYLE, AND CO., SWORN METAL BROKERS,

ALLHALLOWS CHAMBERS, LOMBARD STREET, LONDON. (ESTABLISHED 1849.)

JOHN G EAST

NEWCASTLE-ON-TYNE.

BROKER FOR THE SALE OF PIG-LEAD, LEAD ORES, COPPER ORE, COBALT, MANGANESE, CARBONATE OF BARYTES ESTABLISHED 1866.

HENRY NUTT AND CO., BRISTOL ROAD, BIRMINGHAM No 119, PURCHASERS OF

LEAD ASHES, LEAD SLAGS, SULPHATE OF LEAD, TIN ASHES, TERNE ASHES, AND ALL REFUSE CON-TAINING TIN AND LEAD.

HENRY WIGGIN AND CO., (LATE EVANS AND ASKIN),

NICKEL AND COBALT REFINERS, BIRMINGHAM.

The Mining Market: Prices of Metals, Ores, &c.

	M	ET	A	L MARKET-LONDON, MAY 25, 1883.	_
	4. 6		١.	TIN.	
	91/4-			English, ingot, f.o.b100 0 0	
	9 4	8	0	, bars ,101 0 0	
		-		Australian 95 2 6-	
		_		Banca 95 2 6	
		_	- 1	Straits 96 2 6	
	0- 9		0	Соррев.	
		_	"	Tough cake and ingot. 67 10 0 - 68 10	0
	0-8	10	0	Best selected 68 10 0- 69 10	
Plates, ship, in London . 8					ŏ
Hoops, Staff., 7 10	0-	_		Flat Bottoms 77 0 0- 78 0	0
Nail rods, Staff., in Lon. 6 15	0- 7	0	0	Wallaroo 6° 10 0- 69	0
BTEKL.				Burra, or P.C.C 68 0 0- 68 10	
	0-18	0	0	Other brands nom. 65 10 0- 66 10	0
enst30	0-45	0	0	Chili bars, g.o.b 63 10 0	
Swedish, keg15	0-	-		QUICKSILVER.	
., fag. ham15 10	0 -0	-		Flasks, 75 lbs., war 5 10 0	
		0	0	PHOSPHOR BRONZE.	
	0-	-		Alloys I., II., III., and IV £122 0	
LEAD.				, VI. and VII 135 0	
		5		" XI., Spl. bearing metal 114 0	0
" L.B	0-13	15	0	BRASS.	
sheet and bar14		*0	۰	Wire 7½d	
nine 14	7 6-	_		Tubes 914	
16	2 6-	-		Sheets 7¼ -7¼d	
p)		0	0	Yel. met. sheath. & sheets 5 %d6 %	
patent shot16	2 6-	_		TIN-PLATES.* per box.	
Bjanish	2 6-12	15	0	Charcoal, 1st quality 1 10-1 2	0
NICKEL.				, 2nd quality 0 19 6- 1 0	0
Metal per cwt		_		Coke, 1st quality 0 16 9- 0 17	0
Ore 10 percent, per ton		-		,, 2nd quality 0 16 0	
SPRLTER.				Black per ton 15 10 0	
Bilesian, ordinary brands15	0 0-	-		Canada, Staff. or Gla. 12 0 9	
special brands. 15	0-15		0	at Liverpool	
English Swansea16	0 0 10	-		14 × 10	
Sheet zinc19	0 0-19	5	U.	17 X 10	

At the works, is, to is, 6d. per box less for ordinary; 10s. per ton less for Canada; IX 6s. per box more than IC quoted above, and add 6s. for each X. Terne-plates 2s. per box below tin-plates of similar brands.

REMARKS.-Taken on the whole, the state of the Metal Market to have further improved to a slight extent, but apparently the tone than in the actual business that has been trans-The Epsom week is rarely ever one that is characterised by more in the tone than in the actual business that has been transacted. The Epsom week is rarely ever one that is characterised by much activity in business, and although the great quietude in trade cannot be attributed to this cause, for that has been its orincipal feature for many weeks, and even months, past. Nevertheless, business is in a degree thereby interfered with, and hence the dulness is intensified, for the week has been a broken one, and of half a holiday character. However, the rather more firmness in the tone of some of the markets is the chief event which calls for comment, and it is a matter of some regret that, to all appearance, it arises from speculation. Of course, this has its favourable side and symptoms as well as the reverse, for it indicates that operators see something in the future that warrants their action in effecting purchases, and justifies them in causing the slight advance in prices. It may be the reduced value of certain metals that proves tempting, and induces speculation, or it may be the expectation of an increased business shortly doing to make up for the deficiency in transactions of the past few months, or from whatever cause they base their movements they doubtless have good reasons for believing that their action will be attended with profitable results. At the same time, it must be acknowledged that any speedy permanent improvement in the trade is exceedingly risky, for general trade just now is extremely slack, manimous reports come from all parts of the country complaining of the paucity of business, the slothfulness of the demand, and the absence of any appreciable enquiry, even at impractible limits.

Discouraging advices of these, indeed, there is nothing in them to fore shadow any immediate revival, they show trade now to be decidedly bad, and further there is no point in them which could be laid hold of, as a probability of the country ormplaining of the paucity of business, the slothfulness of the darrand and in the results of the commercial atmosphere, that t

COPPER.—This market has form day to day been done at constantly better rates. The cause of this slight improvement is to be artributed almost entirely to an extra amount of buying for the speculative account. General and bona fide orders are still scarce, and consequently they form no reason for, or give any support to, the advancing tendency of this week. This is a matter of regret, as the assence of the legitimate demand gives strong grounds for fearing that the opward movement may not be more than of a temporary character. It inducts that when prompts fail due there will be another reaction unless, indeed, operators should give their combined efforts to sustain the market, and hold on instead of, as usual, effect sales when their prompts begin to expire. It is, however, would not be throughout the subject of the market, either in the shape of an increased demand for the actual wants of the trade, or a diminished supply. The rise which has been effected in Ohii bars has been of a fairly steady character, and, therefore, greater confidence may perhaps be placed in the advance; and this somewinst better value, which is being realised for Chiil bars has spread a beneficial influence over the whole market, and prices of other sorts, including manufactured, have assumed a stiffening tendency, if a positive advance has not been quoted. The movement will doubtless receive support or be weakened next week when the statistics for the fast closing month are issued; and while it may be expected that they will bear their ordinary affect upon the market, the charkers, too, will most lively have a permanent inducence over the narket, the obariers, too, will most lively have a permanent inducence over the inarket, the obariers, too, will most lively have a permanent inducence caused by the statistics. business in Chili bars has from day to day been done at constantly

of activity, and a general complaint of a paucity of business is received from almost all our manufacturing centres. It is very unsatisfactory to find so many of the advices from the principal centres of the trade reporting irregularity in the time of employment at the sundry works, and it is further discouraging to hear of several of the mills having to be closed. In some case it is said to be caused from the hot weather, but it is to be feared that in most instances it arises from the great inactivity in business. Specifications are most difficult to secure, and ever where they are obtainable it is said at lonly most wretched prices. Old orders are fast build worked off, and fresh ones do not come forward to take their places, and keep the sundry works in occupation. Prices being low manufacturers declare that they are not in a position to encourage the demand by making further concessions. It is difficult to see, therefore, what will be the outcome of the present depression, for buyers as yet do not show any signs of coming forward, and breaking the monotony of the market at the present time. Passing on from the manufactured to the raw material, the advices which we give below from Glasgow cannot be viewed as favourable. They show that there has been a greater disposition to press sales a feature which has had the inevitable result of weakening prices.

This disposition so manifestly shown by operators and holders to rid themselves of their stocks indicates strongly that the market is not in a sound and it activity, and a general complaint of a paucity of business is re-

Glasgow cannot be viewed as favourable. They show that there has been a greater dissonition to press sales a feature which has had the inevitable result of weakening prices.

This disposition so manifestly shown by operators and holders to rid themselves of their stocks indicates strongly that the market is not in a sound and stalisfactory position; it shows that the prospects are viewed as gloomy, and tends to further dullen the tone, and makes the market even more depressed. In makers' iron there is very little business doing, and prices like mixed numbers are quoted slightly lower. The warrant market opened on Monday duil, and with frequent sales were done down to 46s. 11d., while on Tuesday various transactions were recorded between 46s. 10½d. and 46s. 9½d. cash. There was moderate business done on Wednesday, but the market was reported quiet, and business was again transacted between 46s. 10½d. and 46s. 9½d., while yesterday, being the celebration of the Queen's Birthiay, there was no market held, and the closing figure t -day is 96s. 9½d. The simpments last week were 15, 141 tons, against 12,122 tons for the same week of last year, being an increase of 1019 tons, and which makes the total shipments for the whole of this year 233,419 tons, and which makes the total shipments for the whole of this year 233,419 tons, against 240,350 tons for the same time of last year, and 199,892 tons for the same time to 579,101 tons, against 2810 tons for the same untriber reduced by 433 tons, and now amounts to 579,101 tons, against 579 534 tons last week.

The imports of Middlesborough pig-tron into Grangemouth last week were 510 tons, against 3310 tons for the same week of last year, being a decrease of 300 tons, and which leaves a total increase for the whole of this year compared with last of 1395 tons. Advices from Middlesborough report the Oleveland market as quiet, and reduced prices have been accepted. Opening for No. 3 at 39s. 94., the price soon gave way to 39s. 64., at which figure business has been done, but

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value. Prices for old material are also weak, scrap having materially failen in value.

Tin.—At the commencement of this week the market for tin was strong' and the prices realised were much better than those obtained at the close of last week, and for a time it appeared that the advanced rates quoted would be upheld, for the holders were very unwilling sellers unless full rates could be secured. The consequence was that during the first three days of the week there was no alteration whatever in the official quotations, either for cash or forward prompts. But buyers did not appear inclined to follow up the market, there was nothing aufficiently tangible or encouraging to induce them to make contracts on the mere chance of prices later on advancing. There is nothing to show that the demand is likely to be augmented; it may be so from speculative buying, and prices thus for advancing. There is nothing to show that the demand is likely to be augmented; it may be so from speculative buying, and prices thus for advalenge up but the risks are great considering the price of this metal, compared with others, is extremely high; and this is not only so when taken in comparison with other metals, but also when the market is judged upon its own merits, and when comparisons are made with quotations generally ruling during the past few years.

It is true that many years ago the price was up to over 150l, per ton, and a few years lack, during a time of great depression, down to nearly 50l, per ton, but from this factit must not be concluded that current rates are about average figures. Such might appear so at first sight, but, with a little analysing of the market, it would soon be seen that those periods were exceptional times, and, while it is next to impossible to look for such high rates as were obtainable years ago, considering the standard value of all metals has much depreciated, there is no necessity to go to the other extreme, and expect that prices are to fall away to the very unremunerative figure quoted above. If TIN .- At the commencement of this week the market for tin wa

nat are being quoted.

TIN-PLATES. -This market is in a very lifeless condition, and ices are steady.

QUICKSILVER is without change.

The MINING SHARE MARKET has been more active this week, and a considerable amount of business has been transacted in

and a considerable amount of business has been transacted in shares, chiefly of a speculative character, the principal demand being for Wheal Crebor, South Penstruthal, South Caradon, New Caradon, Trevauance, West Kitty, Prince of Wales, East Blue Hills, North Blue Hills, 'tontales, Organos, and a few others.

TIN is without material change, and there is no alteration in the standards for ore. In heavy tin shares there is very little doing; the Dolcoath affair seems to have paralysed business in Cornwall. Blue Hills, \(\frac{1}{2}\) to 1; Cook's Kihtcen, 30 to 31; Carn Brea, 7\(\frac{3}{4}\) to 8\(\frac{1}{4}\); Dolcoath, 57 to 59; East Pool, 43 to 45; East Blue Hills, 2s. to 3s; Killifreth, 3 to 3\(\frac{1}{4}\); New Kitty, 2 to 2\(\frac{1}{4}\); North Blue Hills, 2s. to 3s; Polrose, 5s. to 10s.; South Condurrow, 8\(\frac{1}{4}\) to 8\(\frac{3}{4}\); Tincroft, 7 to 7\(\frac{1}{4}\); West Basset, 5 to 5\(\frac{1}{2}\); West Kitty, 13\(\frac{1}{4}\) to 14\(\frac{1}{2}\); Wheal Agar, 14\(\frac{1}{4}\) to 15\(\frac{1}{2}\).

West Basset, 5 to 5½; West Kitty, 13½ to 1½; Wheal Agar, 14½ to 15½.

Wheal Basset, 5 to 5½; West Grenville, 6 to 6½; Wheal Kitty (St. Agnes), 1½ to 1½; Goodevere, 1 to 1½; Wheal Uny, 3½ to 4; the mine is said to be improving for copper. West Polbrean, 1 to 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out of 1½; a telegram has been received that the lode has been out that of the previous which is also published to-day gives additional details. Botallack, 4 to 5; as the accounts presented at the meeting late the previous has the mine, the call of 2½ per share is generally considered insufficient, it being felt that to have cleared off the debit balance, which is equal to something over 3½ per share is generally considered insufficient, it being felt that to have cleared off the debit balance, which is equal to something over 3½ per share is generally considered insufficient, it being felt that to have cleared off the debit balance, which is equal to something over 3½ per share is generally considered insufficient, it being felt that to have cleared off the debit balance, which is equal to something over 3½ to 5; the accounts howe and shaft sinking towards the junction of the copper and silver lodes, from which great expectations are held out; the lode in the shaft is 5 ft. wide, with very rich stones of ore. On Friday a telegram was received from the mine that the 50 end has improved, the ore in it

sing 10 in. wide.

LEAD mines continue dull, and prices nominal. Vans are quoted 5 to 6; Great Laxey, 17 to 18; toman Gravels, 8 to 84. Tanker-ville Consols, 3s. to 5s.; the shaft at Bog is down 104 fms, below the 175, and the water in ore ground below is being drained. D'Eresby Mouniain, \(\frac{1}{2} \) to \(\frac{2}{3} \); at the meeting, particulars of which will be found in another column, the accounts showed lead sales 3989L, and a another column, the accounts showed less iance of liabilities over assets 1387l. 14s. 1d. balance of Habilities over assets 1381. 14s. Id. The mine at present is returning 20 tons of lead ore per month. The assets of the company are 4764 unissued shares; of these the directors had the power to issue 1236 of them under 14., and the balance of 3528 under 10s, per share. A special resolution was therefore passed making the 3528 into 7056 of 5s., to be offered pro rata to present holders, and the funds arising from the issue will clear off the debt, and The assets of the com-

enable the directors to open out more lead ground and increase the enable the directors to open out more lead ground and increase the returns. The prospects of the mine are considered to be better than at any former period. Coed-y-Fedw, 21s. 6d. to 23s. 6d.; Great Holway, 5 to 5½; Herodsfoo, 6s. to 8s.; Leadhills, 2½ to 2½; Old Shepherds, ½ to ½; Aberdung, 1 to 1½; Gorsedd, 2 to 2½; Sinclair, 24s. to 26s.; West Holway, 1 to 1½. South Darren, 10s. to 20s.; the 120 east is worth 1½ ton of silver-lead ore per fathom. The winze under this level is worth 1 ton per fathom. The 130 east is worth 1½ ton per fathom. East Wheal Rose, ½ to ½; Creigog, ½ to ½. Frongoch, 1½ to 2; the sale of 100 tons of blende realised 3l. ls. 3d. per ton. Goginan, ½ to ½; North Grogwinion, ½ to 1; Gwernymynydd, ¼ to 1.

ton. Goginan, \(\frac{1}{2}\) to \(\frac{1}{2}\); North Grogwinion, \(\frac{1}{2}\) to \(1\); Gwernymynydd, \(\frac{1}{2}\) to \(1\).

New West Caradon, 6s. to 8s. Prince of Wales, \(\frac{3}{2}\) to \(\frac{1}{2}\); a good discovery of tin has been made in the 102, in the bottom level, worth 20\). Per fathom. The tin ground is described as very rich. New Caradon, 7s. 6d. to 10s.; South Penstruthal, \(1\frac{1}{2}\) to \(2\); West Caradon, \(\frac{1}{2}\) to \(1\); West Crebor, 6s. to 8s. Wheal Crebor, 3 to \(3\frac{1}{2}\); the lode in bottom level (132 east) has improved to 10 tons of ore per fm. The sampling is expected to be about 380 tons of ore. Devon Friendship, 5s. 6d. to 6s. 6d.; the mine looks well, and the new dressing machinery works satisfactorily. Devon Great United, 1-16th to \(\frac{1}{2}\); Collacombe, 3s. 4d. to 4s. 6d.; Hingston Down, \(\frac{1}{4}\) to \(\frac{3}{2}\); West Seton, 15 to 17; West Tolgus, 10 to 12; West Devon, 5s. to 7s. 6d. South Caradon (10s. paid), \(\frac{3}{4}\) to \(\frac{1}{2}\); Prem; the 180 is being driven to get under the course of ore in the 160. The 160, east of Kittow's, is worth 2 tons per fathom. The rise in back of the 160, 3 tons: 35 pitches have been set on tribute to 72 men, at prices varying from 9s. to 13s. 4d. in 11.

FOREIGN MINES.—Akankoo, \(\frac{3}{2}\) to \(\frac{3}{2}\); Alunda and Tirito, \(\frac{1}{2}\) to \(\frac{3}{2}\); at the meeting to-day it was stated that the effects of the resolution and consequent stoppage of most of the operations at the mines are now being removed; the reserves are constantly being increased, and now amount to nearly double what they have ever been before, and the prospects are exceedingly encouraging, especially in the ground which is now being worked for the first time. A valuable extension of property has been secured by Mr. Clemes, and the company will be free from any interference by

couraging, especially in the ground which is now being worked for the first time. A valuable extension of property has been secured by Mr. Clemes, and the company will be free from any interference by the operation of "jumping." Anglo-African Diamond, 2 to 3; Australian, 3 to 3½; Birdseye, 1½ to 1½. Bratsberg, 1½ to 2; the mine manager being at present in England, a meeting of shareholders has been called for Thursday next, at which he will be present. Callag Ris. ½ to 2.

mine manager being at present in England, a meeting of share-holders has been called for Thursday next, at which he will be present. Callao Bis, ½ to ½.

Canadian Copper and Sulphur, ½ to ½; Cape Copper, 51 to 53; Chile, ½ to ½; Chontales, 3-16 to 5-16; Colorado, 3½ to 3½; Copiapo, 3½ to 3½; Chontales, 1-16 to 3-16; Eberhardt. ½ to ½; English and Australian Copper, 1¼ to 1½; Frontino and Bolivia, 1½ to 2½; General Mining, 5½ to 5½; Indian Consolidated, 1-16 to 3-16; Indian Glenrock, 1-16 to 3-16; Indian Phænix, ½ to ½; Indian Trevelyan, 1-16 to 3-16; Kapanga, ¼ to ½; Kimberley North Block, 3 to ½; Lake Superior Native Copper, 1½ to 1½; La Plata; last week smelting return showed ore purchased 775 tons; ore smelted, 900 tons; silver produced, 15,000 ozs.; value of consignment, 41662. Mason and Barry to bearer, 14½ to 15½; Michipicoten, ½ to ½; Mysore Gold, ½ to ½; New Emma, 1½ to 2½; Nouveau Monde, ½ to ½; Organos, 1½ to 2; Fortuna, 3 to 3½.

Panulcillo, 5½ to 6½; Port Phillip, 1-16 to 3-16; Potosi, ½ to ½; Rhodes Reef, 1-16 to 3-16; Richmond, 6½ to 7 xd.; Kio Tinto bonds, 100 to 102; ditto, shares, 21 to 22; Ruby and Dunderberg, 1 to 1½; Scottish Australian, 2½ to 2½ xd.; ditto, new, 1½ to 1½ ex.; Sonth-East Wynaad, 1-16 to 3-16; St. John del Rey, 100 to 120; Tharsis, 6½ to 7; United Mexican, 3 to 3½; Yorke Peninsula preference, ½ to ½.

The Market for Mine Shares on the Stock Exchange has exhibited scarcely any activity throughout the week, but at the close to-day a decidedly better feeling was manifest. The depression is the less discouraging, as the Whitsun holidays and Turton and Hadow's failure, being immediately followed by the Derby week, is not calculated to induce any great inclination for business; and the prospect is still further brightened by the facts that Turton and Hadow's affairs have proved to be less disastrons than was anticipated, and that the metal market, except as regards lead, shows satisfactors that the metal market, except as regards lead, shows satisfactory improvement.

improvement.

Our usual telegram from Cornwall this evening states:—Although the tin market has been very steady the Cornish Mine Share Market has been very steady the Cornish Mine Share Market has been very quiet during the week; but the principal alterations in shares are rather for the better. East Pool is stronger in view of the approaching meeting, and the mine looks well. Carn Brea is firmer, Cook's Kitchen looks very promising. Tincrofts are looking well. Carn Brea and Grenville have been enquired for. Wheal Peevor is more promising for copper. South Frances is increasing here sales of tin, and it is said West Peevor looks better at the bottom. At Wheal Agar it is hoped the water difficulty is nearl-conquered. At Wheal Basset yesterday a loss of over 5000L was repported, and a call of 1L per share was made. A discussion took place respecting the registration of mine shares, but action was deferred. In connection with the Doicoath fraud, John Mayne was again charged at Camborne to-lay, and was committed for trial.

William Elmore (Limited) has been formed with a capital of 240,000L, in shares of 10L each, to purchase for 120,000L (one-third in cash and two-thirds in deferred shares) the going concerns of Mr. William Elmore, of Blackfriars-road, and of the Electrolytic Company. The purchase includes the business, works, plant, stock-intrads, goodwill, and all patent rights, &n. and to indee from the regress of the concerns of wards of the concerns of concerns of which and all patent rights, &n. and to indee from the regress of the concerns of contrads and to include the business, works, plant, stock-intrads goodwill, and all patent rights, &n. and to indee from the regress of the concerns of the concerns of contrads and to include the business, works, plant, stock-intrads goodwill, and all patent rights, &n. and to indee from the regress of the concerns of the conc

William Elmore, of Blackfriars-road, and of the Electrolytic Company. The purchase includes the business, works, plant, stock-intrale, goodwill, and all patent rights, &c., and to judge from the names of the Sectors and the arrangements they have made the enterprise offers more than usual promise of great and permanent success. Mr. William Elmore will continue to control the general management, and the services of Mr. William Bourne will be retained by the directors in the capacity of secretary. Mr. Bourne is well known all over the country as the manager of the sales expartment in the old firm, and it is acknowledged that no little of the success of the firm is due to the exertions and business capacity of this gentleman. The mention of the fact that the board of direction includes amongst others of high position the names of Air. Charles Bath (of Henry Bath and Son, Swansea); of Mr. P. W. Dähne, Vice-consul at swansea for Germany, Norway, and Sweden; of Mr. T. A. Marten, J.P. of the Glamorganshire Banking company; and of Mr. E. Morris, J.P. of the Widnes Metal Compony—all of whom are well known to the readers of the Mining Journal—is sufficient evidence that the members of the board have practical knowledge of the business they undertake to manage, and cannot fall to give investors confidence that the company's affairs will be ally and honourably conducted. The enterprise is further noticed in another column, and the prospectus which is also published to-day gives additional details.

Botallack, 4 to 5; as the accounts presented at the meeting last week showed a loss of nearly 2000l. on the quarter's working, and nearly 6000l. against the mine, the call of 2l. per share is generally considered insufficient, it being felt that to have cleared off the debit balance, which is equal to something over 3l. per share, would have been more to the interest of all concerned.

Kit Hill, I to 3; the half-yearly statement of accounts shows a edit balance of 1080l. 12s. 4d. The 75 fm. level is cooking much steer, and showing good indications of the near approach of a credit bala better, and sl valuable lode,

South Caradon (10s. paid), \$\frac{1}{2}\$ to \$\frac{1}{2}\$ prem.; the lode in the 210 east, distant from the boundary nearly \$\frac{1}{2}\$ mile, is worth upwards of 1 ton of rich ore per fathom, and the 160 and other ends being driven all show an improvement. Several of the ends will be driven by rock-drills as soon as the same can be fixed, and the sinking of the shaft and the works at Veradore will be featherist as the same can be fixed, and the sinking of the shaft and the same can be fixed, and the sinking of the shaft and the same can be fixed, and the sinking of the shaft and the same can be fixed, and the same can be fixed, and the same can be fixed, and the same can be fixed as the same can be fixed, and the same can be fixed as the same can be fixed, and the same can be fixed as the same can be fixed, and the same can be fixed as the same can be fixed, and the same can be fixed as the same can be fixed, and the same can be fixed as the same can be fixed as the same can be fixed, and the same can be fixed as the same can be fixed, and the same can be fixed as the same can be fixed, and the same can be fixed as the same can be fixed, and the same can be fixed as the same can be fixed, and the same can be fixed as the sam and the works at Foredown will be forthwith commenced

South Devon, \$\frac{1}{2}\$ to \$\frac{1}{2}\$; the agent reports a considerable improvement in the 110 fm. east, where the lode is worth 14\$. per fathom. South Whoal Frances, 8\frac{1}{2}\$ to \$\frac{1}{2}\$; and reported in better demand, owing to the mine looking better, and increased sales of tin. The

four weeks' sale was over 30 tons of tin Wheal Basset, 44 to 54; the mines are said to be improving, and

it is estimated that a call of from 18s. to 20s. per share will be required.

Wheal Agar, 14 to 15; it is stated that a meeting will be shortly held, when a call of 18s. to 20s. per share will be made.

Wheal Sisters, 1 to 1½; a meeting of the adventurers will be held on Tuesday next, when a call of 5s. per share is expected to be made, and a reduction in the royalty will no doubt be announced.

In Lead Mine Shares there is very little doing, the continued depression in the price of lead seriously affecting them. Van, 5½ to 6% Minera, 6½ to 7½; a statement of account has been issued to the shareholders showing the inability of the company to pay a dividend, owing to the low price of lead and blende, but the various productive parts of the mine continue to look well.

Roman Gravels, 8½ to 8½, ex div. of 5s. per share, which will be apid on Tuesday next. The several levels driving south continue to open up rich bodies of ore ground

Tankerville Great Consols, ½ to 8; there appears to be no important alteration at the mines; the water is somewhat abating at the bottom levels, and it is hoped better progress will shortly be made the development of the various projucts of operation.

Tankervinic dreat consols, \$\frac{1}{2} \text{ to }\frac{2}{3}\$; there appears to be no important alteration at the mines; the water is somewhat abating at the bottom levels, and it is hoped better progress will shortly be made in the development of the various points of operation.

West Lisburne, \$\frac{1}{2}\$ to \$\frac{2}{3}\$; the pond for the storage of water is near completion; it is \$7\$ yards long and 12 yards wide, with a depth of about \$4\$ to The necessary launders to carry the water to the pumping-wheel will be at once fixed.

Leadhills, \$2\frac{2}{3}\$ to \$3\$; the shaft and bottom levels are improving in appearance for producing lead ores. It is expected that at the next board meeting a dividend of 4s, per share will be declared. This will, no doubt, be regarded by the sharehelders as highly satisfactory considering the low price of lead and lead ore.

California Gold, \$1\$-16\$ to \$\frac{1}{2}\$; the mill run for this week was 259 tons; yield, \$500\$L; smelting ore sales, \$198\$L: total, \$698\$L. The report this week states that good progress is being made with stoping for plats in the shaft at the bottom of the new 1400 ft. level, and that the lostom for the new 1400 ft. level, and that the lost of the plate in the last of the progress is shaded as the shaft at the bottom of the new 1400 ft. level, and that the lost of the plate is the progress of good grade milling ore per fathom, besides smelting ore, and that the 1300 ft. level stopes west are yielding 10 tons of fair grade milling ore per fathom.

and that the 1300 ft. level stopes west are yielding 10 tons of fair grade milling ore per fathom.

Colorado United, 3½ to 3½; the official information from the mines is cheering, the manager's telegran this week stating that "the cross-cut has encountered an exceedingly fine lode, carrying high grade ore." It has for some time pest indicated in this place that from advices received the continued driving of the West Terrible tunnel was expected to intersect a lode, as the floors had changed, and they were dipoing towards the north. The advices received in and they were dipping towards the north. The advices received in London this week with reference to this discovery has caused a considerable demand for the shares. It appears from the directors' circular that the whole of these charges of running tunnels 500 to 800 ft. into the mountain have been all met by profits from the mine. What the cost of these developments have been it would be interesting to be considered to the cost of these developments have been it would be interesting to the cost of these developments have been it would be interesting to the cost of these developments have been it would be interesting to the cost of these developments have been it would be interesting to the cost of these developments have been it would be interesting the cost of these developments have been it would be interesting to the cost of these developments have been it would be interesting to the cost of these developments have been it would be interesting to the cost of the What the cost of these developments have been it would be interesting to know; they must necessarily represent a very large sum. It appears that these charges are now at an end, and that the profits which have been thus diverted will assume their proper channel—that of dividends. It is gratifying to notice a marked difference in the output of the mine for the week, the number of sacks being 485, equal to 28 tons of mineral. This output does not include the dirt or concentrating ore, which is three times this quantity. Kohinoor and Donaldson, 1 to 1-16th; this week's report states that the construction of the company's new mill is being actively pressed forward, and that everything is progressing satisfactorily. A recent assay of one of the veins of the top quartz in the No. 4 stopes gave 5-05 ozs. gold and 24 ozs. silver per ton, and similar rich veins have been found at No. 2.

Richmond, 64 to 7 xd.; the week's run was \$16,000 from 303 tons

reins have been found at No. 2.

Richmond, 6½ to 7 xd.; the week's run was \$16,000 from 303 tons of ore, with one furnace. During the week the refinery produced doré bars to the value of \$20,000. The superintendent's weekly report on the present condition and advance of the prospecting and dead work for the week ended April 30 states that the 1050 northeast drift from station has been extended 29 ft. total 657 ft. in west drift from station has been extended 22 ft., total 657 ft., in limestone. The 1050 north-east drift from north-west drift has been

limestone. The 1050 north-east drift from north-west drift has been extended 20 ft., total 308 ft., in limestone.

Ruby and Dunderberg, 1\frac{1}{2}\$ to 1\frac{3}{2}\$; there is nothing of moment to notice in the usual weekly report, except that the engine at the new shaft of the Home Ticket was completed, and hoisting was to commence the following day. The telegram received on Tuesday advises an increased outturn, 75 tons having been raised from the Home Ticket during the week. The quality of the ore smelted had also considerably improved, assaying in gold and silver \$45 per ton Eureka standards. ton Eureka standards.

GAS SHARES. -The principal business in these shares, according to this evening's report of Mesers. W. L. Webband Co., of the Stock Exchange and Finch-lane, has been: -Brighton and Hove General 'Jedinary, 34; Boenos Ayres New (Limited), 3% to 9½; ditto, 6 per cent. debentures, 95%; European (Limited), 19½; Continental Union (Limited) original, 28; Gas Light and Coke, 4 (Ordinary), 189½ to 190%; ditto. B. 4 per cent max., 33; ditto, 6 10 - per cent. pref., 229½; ditto, H. 7 per cent max., 140½ to 141½; ditto, 4 per cent. debenture stock, 104 to 107; Imperial and Continental, 199 to 20½; London Gas Light Ordinary, 217 to 189; ditto, First Pref., 1385; to 137; Monte Video (Lim ted), 15½ to 18½; Oriental (Limited), 6½; Rio de Janiero (Limited), 23½ to 23½; south Metropolitan D., 221½ to 222; ditto, B., 195. Gas stocks rather casier upon realisation, except Monte Video Gas, which has issued a good report.

INSURANCE SHARES have, according to this evening's report of Mesers. W. L. Webb and Co., of the Stock Exchange and Finch-lane, been dealt in as follows:—Alliance British and Foreign, 37; City of London Fire (Limited), ½½ to ½; Employer's Liability Association Corporation (Limited), ½½; to 2½; Commercial Union, 19; Fire Insurance Association (Limited), ½½; Home and Colonial Martine, ½ to 1; London, 59½; Law Life, 116; London and Provincial Fire (Limited), ½½; Lordon and Provincial Martine, ½; to 1; Liverpool, London, and Giobe Fire and Life, 2½; London and Provincial Martine, ½; to 1; Liverpool, London, and Giobe Fire and Life, 2½; London and Provincial Martine, ½; to 1; Liverpool, London, and Giobe Fire and Life, 2½; London and Provincial Martine, ½; to 1; Liverpool, London, and Goomand Romerand Fire Office, ½; Union, 580 to 582. Insurances very idle. Fire companies flat.

TRAMWAYS.—The closing prices of this evening, as quoted by Mr.

TRAM WAYS.—The closing prices of this evening, as quoted by Mr. Abbott, of Tokenhouse-yard, are given in tabular form in the last page of a Journal.

the Journal.

RAILWAY AND GENERAL MARKETS.—Referring to the course of business done to-day during official hours (11 to 3) Mr. Ferdinand R. Kirk, Birchin-lane, writes:—Opening: Suez Canal shares are 1012, having quickly recovered from below 904. Mexican Railway is \$\frac{1}{2}\$ better, at 127\frac{1}{2}\frac{1}{2}\$, and there is the same rise in Mexican bonds, price being 29\frac{1}{2}\$ to 29\frac{1}{2}\$. Elsewhere the tendency is duil, Trunk Orvilany being 17\frac{1}{2}\$ to 18, and Western of Oanada 14\frac{1}{2}\$ 8, 3d. to 18\frac{1}{2}\$ dis \$\frac{1}{2}\$ of the forthicoming report, Organos have been in good demand, railying from 11, 7s. 6d. to 11\frac{1}{2}\$ is 12\frac{1}{2}\$ for 12\frac{1}{2}\$ \$\frac{1}{2}\$ colonibian Hydraulic, 5s. to 11\frac{1}{2}\$ is 5\frac{1}{2}\$ for 20\frac{1}{2}\$ for 20\frac{1}{2}\$ is 12\frac{1}{2}\$ for 12\frac

BRATSBERG .- Captain Daw, the manager, being in London, the directors have called an informal general meeting for Thursday next, to give the shareholders an opportunity of learning personal y from him a full account of the state of this valuable proper'y.

SOUBACK AND CATIR ALAN .- The reports from the mines are Mr. Lemmi writes that he has struck rich ore in the saustactory. Mr. Lemmi writes that he has study life in the side of the hill to cut Cosma's vein. They have now the satisfaction of knowing that it extends 120 feet below the first workings. He also says he is how stoping ore in No. 2 shaft, containing 618 ozs. aurifero per ton, and shall be able to send it when the Greek Easter holidays over.

NEW TERRAS. -These shares, writes a correspondent, are being quietly absorbed by investors who reside in the immediate vicinity of the mine. There is now a splendid display of rich tin ore at grass. The past history of this noted tin mine is such as to warrant the belief that with tin at its present price, and under the present practical and honest management, it will yield enormous profits. ietly absorbed by investors who reside in the immediate vicinity

Bereal well known tin mining experts have estimated the reserves at over 1,000,000%.

CARN CAMBORNE.—The various points of interest and importance in this mine continue to show steady improvements, thus showing that the discoveries previously reported are assuming a permanent character. In the 95 east the south lode has been opened upon for a width of about 5 ft., but its full size has not yet been ascertained, oblither has ft on the north side, which has also been opened dut to a batter of the day. Full printed particulars price one Shilling.

WESTERN ANDES, and CORPORATION OF SOUTH AUSTRALIAN COPPER in the mine continue to show steady improvements, thus showing that the discoveries previously reported are assuming a permanent character. In the 95 east the south lode has been opened dut to a bott 5 ft., but its full size has not yet been ascertained, oblither has ft on the north side, which has also been opened dut to a battern Audes and appear to the day. Full printed particulars price one Shilling.

BAKELES, ALMANCE BANK (Limited). neither has it on the north side, which has also been opened dut to a

it is estimated that a call of from 15s. to 20s. per share will be width of about 6 ft. In rising upon this lode (which is vertical) rich copper ore and fluor-spar is being broken, and the lode is vughy, which is a favourable feature. The north lode in the 40 fm. vulgny, which is a favourable feature. The north lode in the 40 fm. level has been cut through, and is 11 ft. wide, composed of blende, chlorite, sugar spar, and rich patches of copper ore, and it is now being driven upon westwards, in which direction the lode extends in virgin ground for nearly 100 fms. in length, and it is expected that rich courses of copper ore will shortly be met with in this direction.

SORTRIDGE.—A general meeting is called for Tuesday, and the attention of shareholders is particularly called to the report in to-

CARNARYONSHIRE GREAT CONSOLS. — During the past three months the operations at this mine have been chiefly confined to sinking below the 24 on the course of the caunter lcde. The agent sinking below the 24 on the course of the caunter icde. The agent reports it the has started the lift successfully, and hopes in about four months to be deep enough to put out the 34 fm. level. The shaft is being sunk in the lode, which is 6 ft. wide (though they are not carrying the whole of it); its appearance is most cheering, not only for rapid sinking, but also for the production of lead. Nearly the whole of the lodestuff raised is being saved for the dressing-floors; the smalls are exceedingly rich for lead.

TAMAR SILVER-LEAD AND FLUOR-SPAR .- The new shaft, south of the old workings, was holed to surface on Thursday last, and will afford complete ventilation for this portion of the company's proafford complete ventilation for this portion of the company's property, enabling them, in fact, to open up an entirely new mine to the south, and will effect a great saving both of time and money in laying open the South Tamar lode, which runs through the sett for about half a mile in virgin ground. This lode was cut nearly twelve months since in the 27, and was producing stones of rich silver-lead, assaying over 73 ozs. of silver per ton, but for want of ventilation could not be further laid open. This lode produced over 1,000,000l. worth of silver-lead in the South Tamar Mine, and now that it can be attacked from the new shaft in the Tamar, there is every reason to believe that the valuable returns so long expected will shortly be to believe that the valuable returns so long expected will shortly be forthcoming.

EAST BOTALLACK.—The Balleswidden lode is increasing in value as the sinking progresses. It is believed by mining men in the district that a great future is before this mine.

NEW TERRAS (Tin) .- This mine contains indications of wealth equal to any yet discovered in Cornwall. Some promiscuous samples taken from the lode, which is 30 ft. wide, will, it is said, average about 1 cwt. of the to the ton of stuff, equal to 1807. per fathom. Great activity is being displayed in erecting the necessary stamps to enable them to commence preparing ore for market. Mr. E. F. Ashwell, M.E., under date April 19, states—"You have 26,200 tons of block tin in reserve, which we then preparent price is worth 1.519,600. block tin in reserve, which at the present price is worth 1,519,600% or over a million and a-half of money

TRANSVAAL GOLD.-The Union Company's steamer Nubian has arrived at Plymouth from Cape Town; she b ought 800 ozs, of gold dust, valued at 3600 l., this being the first large shipment of gold from the Transvaal.

SOUTH WESTERN COLORADO-THE SAN JUAN MINING REGION —In next week's Journal we shall publish an interesting paper upon this district, by Mr. W. Weston, M.E., a resident of the State, enjoying a high scientific reputation, and intimately acquainted with all matters bearing upon Colorado mining and the laws affecting it.

IRON SUPERSEDED BY PAPER.—The special feature of the new observatory at Columbia College, in New York, will be a paper dome. This, says Iron, will be the fourth paper dome in the United States, This, says Iron, will be the fourth paper dome in the United States, and in the world, for in no other country has paper been yet applied to such a purpose. The first paper dome made is at the Troy Polytechnic Institute, the second at West Point, and the third at Beloit College. While that at West Point is the largest, that of Columbia College is the best in construction and arrangement. The method used in the manufacture of the paper is kept a secret, the makers using a patented process. The dome is made in sections—semilunes, as they are called. There are 24 of these sections. They are bent over toward the inside at the edges and bolted to ribs of wood. The thickness of the shell is only 3-32 in, but it is said to be as stiff as sheet-iron. On one ride of the door is the oblong opening for the thickness of the she: I is only 3-32 in,, but it is said to be as stiff as sheet-iron. On one ride of the door is the oblong opening for the telescope, and over this a shutter (likewise of paper, but stiffened with wood lining), which slides around on the outside of the dome. The whole dome is so light that the hand can turn it. The inside diameter is 20 feet, and the height is 11 feet. The floor of the observatory is 100 feet above the ground. It was necessary to build it so high because of the tall buildings around it. The building is rapidly approaching completion, and the dome is already in place.

EXPLOSIVES COMPANY. — At the annual general meeting, on Thursday (Mr. David Johnson presiding), the Chairman stated that EXPLOSIVES COMPAN.—At the animal general meeting, on Thursday (Mr. David Johnson presiding), the Chairman stated that they had actually begun the manufacture of dynamite at Pembrey, and they had been increasing the make week by week when the unfortunate explosion occurred there. They had, he said, satisfied themselves as to the quality of the dynamite which they could manufacture and the price at which they could produce it, which was less than they originally estimated. This was satisfactory, as the selling price remained the same. The explosion at Pembrey had been very serious for them, but the experience which it had given them would enable them in future to avoid such a disaster. They deeply regretted the loss of life which had occurred. It had caused about hime months 'celay in the opening of the works at Pembrey, but they were informed that they would be ready by July 1. During the year other works had been going on. Local places had been selected, magazines established, and agents had been appointed in districts where it was expected they would have a good demand for dynamite for mining operations. They had given up the works at Stowmarket, as it had been found impossible to carry on simultaneously the manufacture of guncotton and the E.C. powder, and the English patent of that powder, with a moiety of the foreign patents, had been disposed of to the E.C. Powder Company. One of the d'rectors was now in America, negociating for the sale of the patent for the United States. The other foreign patents were still the subject of negociation. The meeting was adjourned for a fortnight, and the report was adopted, the Chairman promising that the accounts should be printed and circulated among the proprietors.

LEAD ORES. Date. Mines.

May 22-Foxdale
24-Van

— ditto
— ditto Purchasers.
Walker, Parker, & Co.
Panther Lead Co.
Sheldon, Bush, and Co.
Goodhart and Co. Price per to: £10 11 6 ... 9 18 0 ... 9 10 6 ... 9 10 6

BLENDE Date. Mines. May 21—Frongoch Tons. Price per ton. Purchasers. ...100 £ 3 1 3 J. F. Kimmel.

COAL MINES REGULATION ACT, 1872.

EXAMINATION FOR MANAGERS' CERTIFICATES OF COMPETENCY. DISTRICT UNDER THE CHARGE OF THOMAS CADMAN, Esq., H.M. INSPECTOR OF MINES.

NOTICE IS HEREBY GIVEN, that an EXAMINATION for MANAGERS' CERTIFICATES OF COMPETENCY, under the above-named Act, will be HELD on the 10th day of July, and CANDIDATES INTENDING TO PRESENT THEMSELVES AT SUCH EXAMINATION must, on or before the 20th day of June, notify such intention to the Secretary of the Board of the above-mentioned District, from whom all information as to particulars can be obtained.

By order of the Board,

Winnall's Hill, Coleford.

J. T. THOMAS, Secretary.

N.B.—Persons who do not reside within the District are equally eligible for xamination with those who do.

THE ADVERTISER, holding a large number of shares in a first-Trate company, would be willing to EXCHANGE SOME for SHARES in OTHER COMPANIES of equal value.

Address, "H., 14," care of C. Birchall, Advertising Agent, Liver-

C. PASS AND SON, BRISTOL,

ARE BUYERS OF

LEAD ASHES, SULPHATE OF LEAD, LEAD SLAGS, ANTIMONIAL LEAD, COPPER MATTE, TIN ASHES, &CO and DROSS or ORES containing COPPER, LEAD, AND ANTIMONY.

GEO. G. BLACKWELL, 26, CHAPEL STREET, LIVERPOOL, HANDLES

MANGANESE, BARYTES, SPARS, and ALL ORES on SALE or PURCHASE.

EDGAR JACKSON,

(Associate Royal School Mines),

A N A L Y S T A N D A S S A Y E R,

Assays or Complete Analyses made of Copper, Silver, Lead, Zinc, Tin, and
ther Ores.

106, QUEEN VICTORIA STREET, LONDON, E.C.

ROBERT C. FISHER AND SON, GENERAL, CONSULTING, AND MINING ENGINEERS
SWANSEA
REPORT ON MINERAL PROPERTIES AND MINES,
ADVISE ON ALL QUESTIONS OF THE WORKING AND MANAGEMENT
OF MINES.

JOHN M. STUART, CONSULTING MINING ENGINEER ANALYST AND ASSAYER

OFFICE 11, QUEEN VICTORIA STREET, LONDON, E.C.

NOTICE.

TO MINE OWNERS, MANAGERS, &c. W ANTED, -OLD, CONDEMNED, DISUSED HEMP or MANILLA, CAPSTAN, PIT, or OTHER ROPES, either round or flat. Also second-hand Mining Machinery. High price given. J. McILQUHAM, ABERYSTWYTH.

TIN SMELTER WANTED.

WANTED, A COMPETENT TIN SMELTER-FOREMAN or WORKMAN—thoroughly acquainted with the business, and willing to ACCEPT an APPOINTMENT on the Continent, either

permanently or, if preferred, for a few months.

Apply, with copies only of testimoniais, to "V. St. Honoré," care of MINING JOURNAL Office, 26, Fleet-street, London, E.C.

MINING ENGINEER.

ANTED, to go to the East Indies for a year or longer, a THOROUGHLY PRACTICAL and RELIABLE ENGINEER, conversant with Tin Mining and Smelting. First-class testimonials as to character and ability. Liberal remuneration to a suitable man. Apply, with copies of certificates and references, "Engineer," W. Porteous and Co., Advertising Agents, Glasgow.

WANTED, a SITUATION as an ASSISTANT to a MINING ENGINEER. Would undertake Assaying and Dialling, and willing to give part of time.
Address, "A.B.C.," MINING JOURNAL Office, 26, Fleet-street, E.C.

ENGINEER of experience, with knowledge of CHEMISTRY, WANTED, for a large undertaking abroad. Age 35 to 45.
Address, with full particulars as to antecedents, "O. O.," care of Messrs. G. Street and Co., 30, Cornhill.

PRACTICAL CHEMIST, who has had experience in the Management of Chemical and Metal Works, REQUIRED for the Continent.

Address stating age and previous occupation, "Chemist," care of Messrs. G. Street and Co., 30, Cornhill.

RICH AND EXTENSIVE NICKEL MINES, with SMELTING FURNACES, FOR SALE. Or a suitable PARTNER WANTED to work the mines with the proprietor. Area of concession, 50,000,000 square yards. Contents of ores, 1\frac{3}{4} to 4 per cent. nickel, free from arsenic and antimony. All necessary time allowed for inspection and

Address, GEORG DAHM, Cologne (Germany).

THE CORPORATION OF SOUTH AUSTRALIAN COPPER MINES (LIMITED).

Notice is hereby given, that the SEOUND ANNUAL ORDINARY GENERAL MEETING will be HELD at the Cannon-street Hotel, on WEDNESDAY, the 30th inst., at Two octook in the afternoon, for the purpose of receiving the directors' report and -counts for the past year, and the election of auditors in the place of those retiring.

The Transfer Books will be closed from the 23rd inst. to the 1st prox.

By order,

BY DNEY A. COBBETT, Secretary.

1, Winchester House, Old Broad-street, Lundon, E.C., May 16, 1881

THE EBERHARDT COMPANY
Notice is hereby given, that the THIRD ANNUAL GENERAL MEETING
of the shareholders will be HELD at the City Terminus Hotel, Cannon street,
London, on MONDAY, 4th day of June, 1883, at Two o'clock in the afternoon,
for the consideration of the accounts and balance-sheet of the company up to
the 3 st day of December last; the election of retring directors and auditors; a
and the transaction of the ordinary business of the company.

The Register of Transfers will be closed on the 28th of May until 5th day of
June, both days inclusive. The Register of Transfers June, both days inclusive.

une, both days inclusive.

By Order, W. R. WRIGHT, Secretary,
Company's Offices: No. 15, Angel-court, E.C., dated this
26th day of May, 1883.

EORGE SANDY, STOCK AND SHARE DEALER,
50 Almada, 14s.
50 Almada, 14s.
61 Chontales, 6a, 3d.
61 Chile G dd, 15s. 6d.
50 Colorado, £3 8s.
62 Colorado, £3 8s.
63 Chile G dd, 15s. 6d.
64 Colorado, £3 8s.
65 Eigerhardt, 8s. 9d.
60 Cirta, £1 3s. 9d.
61 Cirta, £1 3s. 9d.
62 Colorado, £2 18s. 6d.
63 Cirta, £1 3s. 9d.
64 Cirta, £1 3s. 9d.
65 Cirta, £2 3s. 9d.
66 Cirta, £2 3s. 9d.
66 Cirta, £2 3s. 9d.
66 Cirta, £2 3s. 9d.
67 Cirta, £2 3s. 9d.
68 Cirta, £2 3s. 9d.
69 Cirta, £2 3s. 9d.
60 Cirta, £2 3s. 9d. FOR SALE:—

50 Almada, 14s.

30 Alamilos, £1 16s.

250 Flagstaff Dis., 4s. 3d.

125 Rhodes Reef, 4s.

250 Flagstaff Dis., 4s.

50 Kahe, 26s.

TAYLOR, 38. GREAT ST. HELENS. HORACE J. SPOUN COURT, THREAD

M. R. W. THOMSON, 2, CROWN COURT, THREADNEEDLE STREET, E.C.,
Has SPECIAL BUSINESS in Victoria Gold, Organos, Tolima, and Colombian Hydraulic Mines.
Railways, Foreign Stocks, Mines, and Miscellaneous Securities dealt in at the

lesest market prices.
Speculative accounts opened for the fortnightly settlement on receipt of the sual cover.

usual cover is kept for all kinds of Securities which are not daily dealt in on the London markets. My clients find this a great assistance for disposing or purchasing particular shares, &c. Cheques and P. O. O. Scrossed National Provincial Bank of England.

sulf was deed made as a roll stoo surf equipment the branch who th

Notices to Correspondents

TURBINES AND WATER-WHEELS—"K. H." (City).—Where there is a good fall, but a limited supply of water you would probably find the turbine the most economical; much, however, depends upon special circumstances. Messrs. Warner, of Cripplegate, or Messrs. Macadam, of Belfast, will be the best firms to apply to, as they give particular attention to this class of work. Rock. DRILLS—"Bhareholder" (Ross).—We have arrived at no conclusion from the recent discussion, and, therefore, cannot assist you in determining which to recommend. In your capacity of director it would be unwise for you to interfere in the matter. Many concerns suffer through directors acting in matters they know nothing about. Tell your principal mine agent that the boar have determined to provide so much for rock-drilling machinery, and direct him to ascertain which should be purchased. It is, of course, better to rect him to ascertain which should be purchased. It is, of course, better to ret by on your own agent than upon an inventor who is, of course, interested in pushing his own machine whether good or bad.

MELHOUNE UNIVERSITY.—"H. J. O." (Pennance).—The University is non-sectarian, and has no theological faculty; but as to your "M.A.," if you present to the dean, with such testimonials as you will carry with you from your bishop, &c., here you can obtain admission ad enudem at once. This will give you a position amongst the little of the colony, as the University has a high reputation, and the graduates who take their degrees direct are compelled to display superior merit.

Received,—"J. S. H." (Plymouth): Correction attended?to—"R. J. J." (Argoed): The best work on gold extraction will be John Arthur Phillip's "Metaliurgy, published by Griffin, and Lock's "Gold: its Currents and Extraction," published by Spon—"J. B. R."—"O. W."—"T. S." (Widmerpool)—"A. M. (Newport, Salop): In type, and inserted in another column—"H. J. M." (Hanover-place): Any reply must be in a form that it may be published—"Pronuciamento": Can only be published with your pr

THE MINING JOURNAL.

Railway and Commercial Gazette.

LONDON, MAY 26, 1883.

THE EXPLOSIVES ACT, AND THE ORDERS IN COUNCIL.

The improbability of the new Orders in Council proving in any degree disadvantageous to miners or quarrymen in the habit of using dynamite or other nitroglycerine compounds in their ordinary work has already been pointed out in the Mining Journal, and the total absence of justification for the attempt which has been made to create amongst users of those explosives angry feelings which might not unlikely develope into a most dangerous organisation that could only be suppressed by main force has been affirmed. The correct not unlikely develope into a most dangerous organisation that could only be suppressed by main force has been affirmed. The correctness of these views is clearly shown by the facts contained in the report of Col. MAJENDIE, of which we published a full abstract last week; and the report does more than this—it gives the most flattering testimonial to the British manufacturers of dynamite and its analogues that the most pushing tradesmen could desire; it says in effect that the British-made article is properly manufactured and reliable, and that it is only from careless manufacture that danger is to be anticipated. Yet a pamphlet has just been issued, without name of author or publisher's name—that of the printer being the sole means of identification—in which all the restriction upon the handling and transport of nitroglycerine compounds are wildly and vehemently attacked; the injury which such a class of writing is calculated to inflict upon respectable makers—Nobel's Explosives Company, the Rhenish Dynamite Company, the Deutsche Sprengstoff Gesellschaft, and the like—is almost incalculable, as will presently be seen. sently be seen.

The extreme prejudice, it is remarked, which for a time existed

The extreme prejudice, it is remarked, which for a time existed against dynamite soon passed away, as it was found to be a most valuable explosive for industrial purposes where blasting of rock was required, and that instead of being so dangerous as was originally supposed, it was, in fact, much safer to use, carry, and store than gunpowder, since if it came in contact with a spark or fire it would burn away instead of exploding. Prof. Sir F. A. Abel, C.B., F.R.S., the greatest authority on explosives, in a lecture which he delivered before the Institution of Civil Engineers in May, 1872, and afterwards published, described dynamite as being "one of the safest, most powerful, and most convenient explosive agents applicable to industrial purposes." Notwithstanding the restrictions placed on the use of dynamite by the Nitroglycerine Act, 1869, it became a very general favourite as a blasting agent with miners and quarrymen; and Dr. LE NEVE FOSTER, F.G.S., the Government Inspector of Mines for Cornwall, in his report for 1875, said—"It is satisfactory to note that not a single fatal accident occurred while dynamite was being used, although large quantities of this strong explosive are employed in

although large quantities of this strong explosive are employed in my district."

No amount of writing could afford more conclusive evidence of No amount of writing could afford more conclusive evidence of the recognised value of dynamite as a blasting agent for mines and quarries; but the pamphleteer spoils his good case because he goes on to set all rules of logic and common sense at defiance by arguing that section 43 of the Explosives Act, 1875, was not intended to apply to dynamite. Liquid nitroglycerine was, he says, "admittedly a dangerous explosive and it was thought probable that other specially dangerous explosives might, in these days of research and invention be discovered, and this was provided for by section 43, the marginal note of which is 'power to prohibit manufacture, importation, storage, and carriage of specially dangerous explosives.' This section was clearly not intended to apply to dynamite, the merits and properties of which had been fully investigated by the Select Committee, and the restrictions on which they found to be unreasonable, and proposed to relax." It is obvious that were any additional evidence

tee, and the restrictions on which they found to be unreasonable, and i proposed to relax." It is obvious that were any additional evidence of the necessity of the new Orders in Council required the fact of any individual h.ving control of the English language, being found who could so lamentably misinterpret the intention of an Act of Parliament would supply that evidence. The other statements in the pamphlet are equally fallacious and might, therefore, be passed over were they not culpably inaccurate.

It is stated, for example, that all miners and quarrymen who find it necessary to use these strong explosives are by this means placed under the surveillance of the police. Had the pampleteer had any regard for truth he would have been more inclined to say that the miner or quarryman must obtain a license to keep explosives just as he now obtains a license to keep a dog except that he applies to the police authorities, and pays nothing instead of to the post office authorities, who for the dog license must have 7s. 6d. It is scarcely fair to say that every man who keeps a dog is under police surveillance. The "Explosive Substances Act, 1883," does not affect miners or quarrymen, and, therefore, to mention it in connection with the question of protective measures relating to the handling and transport or use of dynamite in mines or quarries is inadmissible.

But now comes the question whether the new Orders in Council

port or use of dynamite in mines or quarries is inadmissible.

But now comes the question whether the new Orders in Council are not positively advantageous to 'NOBEL'S Explosives' Company, the Rhenish Dynamite Company, and all others manufacturing a good and reliable article; if it be shown that they are advantageous how heartily the shareholders may say, "save us from our friends" to those who have attempted to get up the agitation. It will we think be admitted that the effect of a license being required is likely to induce all applicants for such license to see that they obtain way. port or use of dynamite in mines or quarries is inadmissible to induce all applicants for such license to see that they obtain pro-perly manufactured dynamite in order not to risk the forfeiture of the license through the occurrence of accidents. Col. MAJENDIE'S report says in effect that the British manufactured dynamite which report says in effect that the British manufactured dynamics which comes into the market—and he would no doubt give an equally satisfactory report on the Rhenish, the Deutsche Gesellschaft, or any other equally well-made material—is safe and reliable; but recent seizures not from Fenians and American Irishmen, but from the agents of some continental firm, and of explosives sent forward for ordinary industrial uses, are sufficient to show that but for the restrictions in force previous to April 20, at least some admittedly dangerous dynamite would have been in circulation. It can scarcely be supposed that either Nonel's Explosives Company, or other makers of good dynamite, would desire that free transit should be permitted for all dynamite, regardless of quality, since it is evident that the result would be a

series of disastrous explosions which would probably lead to the prohibition of the sales altogether, as it would be impracticable, with existing notions of free trade and equity, to legislate in favour of three or four manufacturers to the prejudice of all others. The industrial importance of dynamite is established, and it is admitted that it can be procured of reliable quality; therefore, all manufacturers have to do is to let the public know that their explosives meet the requirements of the protective restrictions.

THE SEARCH FOR COAL NEAR GOOLE.

Some time since we noticed the search that had commenced near Goole for solving the important problem whether the coal measures extended to the eastward under the magnesian limestone, and the result has been long looked forward to by mining engineers and geologists. Throughout the entire Midland coal field, running as it extended to the eastward under the magnesian limestone, and the result has been long looked forward to by mining engineers and goologists. Throughout the entire Midland coal field, running as it does from Nottingham as far as Bradford, the coal measures have only been penetrated through the limestone at Shireoaks, in Nottinghamshire, a little to the south-east of Sheffield. But it is well known that starting from the southern portion of the field the coal measures rise and crop out as far north as Bradford and Leeds, where they bend round to the east, and finally disappear under the magnesian limestone, which passes over and rests directly on the millstone grit. The coal has been worked in Yorkshire within two or three miles of the edge of the limestone, but some miles distant from where Lord Beaumont, of Carleton Towers, determined to ascertain whether it could be found on his estate, and under the limestone. The boring commenced close to the new line from Hull to Barnsley, and at one of the cuttings the junction of the coal measures and limestone was clearly defined.

The Diamond rock-drill was used, but obstacles being met with the progress was not so rapid as it would otherwise have been. Mr. Greaves, of Wakefield, had the contract for the boring to the extent of 400 yards, but those who knew the course of the strata and the dip of the coal measures quite expected that the Barnsley seam—the one sought for—would not be found at a less depth than 600 yards or upwards, especially as a few miles to the south-west the bed was only met with at 640 yards. Still the results are satisfacory, as the strata gone through, including the new red, magnesian limestone—and, in fact, the whole of the Permian series, exhibited the organic remains, closely resembling, and almost identical, with those of the coal measures and carboniterous limestones, the mollusca,

as the strata gone through, including the new red, magnesian limestone—and, in fact, the whole of the Permian series, exhibited the
organic remains, closely resembling, and almost identical, with those
of the coal measures and carboniferous limestones, the mollusca,
radiata, &c., bearing full testimony to this.

But as the boring on the estate of Lord Beaumont was the first
attempt made in the West Riding, or indeed in Yorkshire, to penetrate the coal measures through the magnesian limestone, an abridged
section of the strata, to a depth of 400 yards, will be interesting.
It is—Earth, clay warp, &c., 15 yards; new red sandstone, 180;
upper permian and red marls, with beds of gypsum, 23; upper permian limestone, with bands of gypsum, 28; middle permian marls,
red ditto, thin bands of limestone, 41; lower permian limestone, 68;
sandstone, shale, bed of coal 1 ft. 6 in., with spavin and shale = 400
yards. It is certainly to be regretted that the boring was not carried some distance farther, seeing that such an interesting point had
been reached just as the work was stopped. In connection with the
boring so far as it went, there is the noticeable fact that a fair quantity of gypsum was gone through, indicating that the salt rock is at
no great distance, as at some of the nearest mines to the west of the
boring. At the Glass Houghton Colliery, at a depth of 280 yards
from the surface water much salter than that of the sea was met
with, and still lower down at the same place another salt basin was
intersected. This water evidently comes from the lower mesozoic
series—"salliferous." These brine springs could therefore, produce

with, and still lower down at the same place another salt basin was intersected. This water evidently comes from the lower mesozoic series—"saliferous." These brine springs could, therefore, produce plenty of salt, were there to be a deficiency from the Cheshire, Worcestershire, and the North of England deposits.

But leaving the salt out of the question, the coal measures will probably be met with by Lord Bealmont with a little more perseverance, as all the indications are in that direction. Indeed, Mr. GREAVES considers the beds penetrated beneath the permian rocks to be the coal measures, and probably that part of them which contain workable coal. It is also stated that the general character of the measures, the few fossils brought up in the ores, the clean and lustrous character of the thin seam of coal that has been passed through all point to this conclusion, and that in the future the best portion of the Yorkshire coal field will be found in the district, where the boring took place going southward, or between Barnsley and Snaith. Seeing that the thin seam probably was identical with the furnace coal at Shire Oaks, distant about 120 yards from the tophard or Barnsley seam, it appears probable that had the boring been continued a little further indications would have been met with that would have determined the depth at which the Barnsley coal would be word. would have determined the depth at which the Barnsley coal would

Since Lord BEAUMONT has returned from America illness has interfered, but with his restoration to health it is expected that the work will be continued until the question as to the extent of the coal measures under the magnesian limestone between the Barnsley district and Snaith, Selby, &c., is determined. In the event of success—of which there is little doubt—nearly 100,000 acres will have to be added to the existing and known coal field of the West Riding, with prospects of 40 ft. of coal at a workable depth in seams above 2 ft. in thickness. This shows the importance of the beings whice go in thickness. This shows the importance of the borings being continued both in the interest of Lord BEAUMONT and of several other large landed proprietors, who might be expected to bear some portion of the heavy expense necessary for continuing the work.

ELECTRO-METALLURGICAL INDUSTRY.

The extensive application of electro-metallurgy is now observable in almost everything we see resembling metal work, from the elegant epergne which embellishes the dinner-table down to the sixpenny nickel-plated fusee-box which the smoker regards as his friend, and there can be no doubt that the discovery of the means of generating dynamo-electric currents has already done much to extend the electro-metallurgical industry although the resultion which that discovery dynamo-electric currents has already done much to extend the electrometallurgical industry, although the revolution which that discovery is producing is as yet but in the incipient stage. In this branch of applied electricity few have made more substantial progress, whether from the scientist's or from the manufacturer's point of view, than Mr. William Elmore and the Electrolytic Company, whose businesses are now to be transferred to William Elmore (Limited), which has just been registered, with a capital of 240,000l., in shares of 10l. each. The businesses were established respectively by Mr. William Elmore and Mr. Shackleton Hallett, the former consisting principally in the manufacture and supply of dynamo-electric machines and outfits for electrolytic processes as applied to a variety of profitable industrial purposes. The works comprise—first, a complete engineering establishment, equipped with all the necessary machinery and tools of the latest and most improved make for the manufacture of dynamo-electric machines and electrical appliances. Secondly, of dynamo-electric machines and electrical appliances, an extensive establishment for the electro deposition of or dynamo-electric machines and electrical appliances. Secondly, an extensive establishment for the electro deposition of gold, silver, copper, nickel, tin, brass, and other metals on iron, steel, or other surfaces, together with the necessary appliances for grinding, pollshing, and burnishing metals. Thirdly, electrical and chemical laboratories, fitted with all the requisite appliances for the business. Fourthly, furnaces for nickel and brass castings. There is also a Paris establishment, comprising offices and show-rooms, situate in the Palais Royal, and a factory for the manufacture of dynamo-machines, and for metal plating purposes, near the Boulevard St.

The metal depositing works, which were originally established for The metal depositing works, which were originally established for the purpose of demonstrating the power and capabilities of the dynamo-machines, have proved a very important and profitable branch of the business. Pieces of machinery of large size, such as hydraulic rams, screw propellers, cylinder covers of marine engines, &c., can be coated with metal at these works. The number of cus-&c., can be coated with metal at these works. The number of cus-tomers on the books is now very large, and is daily increasing. Dynamo-electric machines of great power, constructed at the Charlotte-street Works, are now in actual operation at the Morfa Dynamo-electric machines of great power, constructed at the Charlotte-street Works, are now in actual operation at the Morfa Copper Works of Messrs. Williams, Foster, and Co., of Swansea, producing conductivity or electrolytic copper, by Mr. Elmore' process. The copper thus obtained is chemically pure, and, when it is the result of one month of diminished supplies, while it required the whole period of heavy shipments from November to April to increase the visible supply 2000 tons. It will also be noted that the visible supply shows a decrease of 300 tons from the same period last year, while the price is lower than it was at that time. More important still is the result of one month of diminished supplies, while it required the whole period of heavy of 300 tons from November to April to increase the visible supply 2000 tons. It will also be noted that the visible supply shows a decrease of 300 tons from the same period last year, while the price is lower tons. It will also be noted that the visible supply shows a decrease that it is the result of one month of diminished supplies, while it required the whole period of heavy tons. It will also be noted that the visible supply shows a decrease of 300 tons from the same period last year, while the price is lower tons. It will also be noted that the visible supply shows a decrease that it is the result of one month of diminished supplies, while it required the whole period of heavy tons. It will also be noted that the visible supply shows a decrease that it is the result of diminished supplies.

copper depreciates its conductivity by 25 per cent., and a mere trace of arsenic, by 66 per cent., and that the demand for this electrolytic copper far exceeds the present means of supply, and is daily increasing, the immense importance of this branch of the business alone will be fully realised. Very extensive orders are already in negociation, and a large and profitable business can safely be relied upon in this department.

The new company have also the advantage of a large order from Messrs. Morris and Co., of Doncaster, for a number of dynamos, for the extraction of copper from the chloride solutions, to supersede the old method of precipitating copper by the use of scrap-iron. Mr. Richard Morris joins the board of directors.

Among other purposes for which machines and outfits are being the company of the company of the contract of the contract

Richard Morris joins the board of directors.

Among other purposes for which machines and outfits are being supplied by the Charlotte-street Works may be mentioned the electro deposition of copper upon steel or iron wire for telephonic or telegraphic uses. The new company will have the benefit of all orders already on hand and in course of negociation for machines and outfits for this process. This process, which is protected by Letters Patent, combines simplicity, cheapness, no waste, with the most considerable advantage that the process being a cold one the strength of the wire and iron is not affected in the slightest degree, whereas by the old dipping process large quantities of goods are rendered rotten, and all are injuriously affected. A large and profitable business can also be done in the supply of machines and outfits to manufacturers of tin-plates by Mr. Elmore's electro-tinning process. It is the immediate intention of the company to complete and develope this profitable department.

profitable department.

The large and continued increase in the number and amount of orders for machines and outfits, and also in the metal plating department, has rendered necessary a considerable addition to the existing works. With the view to secure the benefit of country prices for labour, fuel, and other charges, it has been decided to erect engineering works, for the construction of dynamo-electric machines and appliances at Swansa, the centre of the important metalluction. neering works, for the construction of dynamo-electric machines and appliances, at Swansea, the centre of the important metallurgical and tin-plate industries of South Wales. A desirable site has been chosen, and the works will be pushed on with all expedition on completion of the necessary contracts. It may also be mentioned that a silver medal was awarded at the Crystal Palace Electric Exhibition, 1881-2, to Mr. Elmore for his patent dynamo-electric machines. The business which the company also acquires at Paris and on the Continent is of considerable importance. It is proposed to supplement the factory at the Cour de Rohan by additional works, at an estimated cost of 5000l. With this expenditure on the French establishment, the vendors confidently anticipate being able, at an early date, out of the moneys derivable from the working or sale of the French business and their foreign patents, to obtain very considerable profits for the parent company.

Patents for the Elmore dynamo-electric machine and for the various processes are in force all over the world, and the new company have

ocesses are in force all over the world, and the new company have

the full benefit of them.

UNITED MEXICAN MINES.

Weekly returns from Jan. 1, Mine San Cayetano de la Ovejera New Concern). The profit to Oct. 1882 was \$4102.

(Gross Return	8	Excess o				Excess of
Week ending	in Dollars.		Outlay.		Outlay.		Returns.
Jan. 6	. \$3029.95	***			\$942.45	***	\$2087.50
,, 13	. 4966.53		-	***	1001.96	***	3964.59
,, 20	. 5116.08		-	***	947.87		4168.21
,, 27	. 3764.88		-		1232.50	***	2532.38
Feb. 3	. 7187.15	***	-		1320.94		5866.21
, 10	. 3718-22	***	critical		1407.01		2311.21
, 17	4290.86	***	-		1395-32		2895.54
,, 24	. 4714.84		Billions		1585.20	***	3129.64
Mar. 3	. 2490.35		-		1350.51		1139.84
, 10	. 3700.91		-		1371.33	***	2329.58
,, 17	. 2954.94		**************************************		947.34		2007:60
,, 24			181.10		1488.25	***	****
,, 31	. 1248.48	***	187.82		1436.20	***	****
April 7	. 4167.07		not	rece	eived.		
,, 14	. 2475.84		not	rece	eived.		

THE AMERICAN TIN TRADE-STATISTICS OF TIN.

April 1, 1883.—Stock in all hands, New York, Boston, and Phil-

		Straits and Malacca, into Boston into New York	nil.	1,266
20	**	Australian, ,, ,,	175	
,,	**	L. & F., and refined	10	
**	**	Banca and Billiton "	2=	1,265
Consumpti	Total ion—During	g April	Tons	2,531 1,000
		and Malacca, Feb., Mar., and	•••••	1,531
April sh		r steamersTons	750	
ditto		n. per sail	225	
ditto	ditto fro	om London stocks (estimated)	25	
ditto	Australian	(estimated)	100	
ditto	Billiton as	nd Banca (estimated)	nil.=	1,100
			***	-

The London market opened at 961. 10s., declined during the first eek to 941. 15s., advanced again to 961. week to 94l. 15s., advanced again to 96l., ruled at 95l. 10s. to 96l. for some days, then advanced to 97l., declined to 96l. 5s., and recovered to 97l., at which it closed for the month. In Holland the opening prices were 58½ fl. for Banca, 57½ fl. for Billiton. Our last advices dated April 20 report 57½ to 58 fl. for Billiton, 59 fl. for Banca. The regular bi-monthly Billiton sale went at 66½ fl., equal to 98l. 15s. in London, a very high price, but which nevertheless had no effect on other markets. The European deliveries are reported as 1350 tons in London, and 700 in Holland. The new shipments are reported as 500 tons from Australia and 1000 from the East Indies, 50 of the former and 450 of the latter being to the United States. 150 tons are also reported as having been shipped to the United States from London stocks, making the total London deliveries 1500 tons. It will be observed from the figures given below that the available

It will be observed from the figures given below that the available supply of tin in Europe and America shows a reduction of about 1000 tons for the month. This fact, important enough in itself, becomes still more so when it is remembered that it is the result of one month of diminished supplies, while it reconstants the way and a state of the state of t

sapply of these brands on spot and afloat for Europe and America was over 13,000 tons. At present it is not more than 11,700 tons, a decrease of 1800 tons, or 10 per cent. This decrease has been almost made up by the increase in the stock of Billiton tin, but only as far as quality is concerned. Experience has shown that Billiton tin will not be accepted by consumers here to supply the place of Straits and Australian at the same price; and the rapid reduction of the London stocks indicate a similar preference on the part of European consumers. It is, therefore, evident that even with a visible supply equal in quality to that of the same time last year, but consisting of a much smaller proportion of Straits and Australian tin than that of last year, the position is much more favourable for the holders of these brands. All these elements must have their effect in determining the future of the market, and it is needless to say in what direction their influence will be exerted. Concerning the large stocks of Billiton in Holland, and which apparently consumers in Great Britain and the United States do not like, it is evident the holders of this brand are content to carry it, feeling that the day is not far distant when it must be wanted at a much higher price than at present, and they wisely do not allow it to be the sport of speculators, as is the case with other kinds in the London market.

Below we give the stocks, on spot or afloat, for Europe and America.

	Apr. 30. Apr. 30. Apr. 3	O.
Foreign tin in London and landing Tons	s 6,423 8,327 8,42	25
servits affoat for London (including)	1,395 570 2	16
Straits afloat for London including Australian ditto wire advices	1,265 1,403 1,80	00
Panca on warrants in Holland	. 1,140 1,089 93	26
Billiton in Holland	. 2,170 1,053 1,8	47
puliton affoat for Holland	. 1,150 1,180 1,10	00
other foreign in Holland	. 5 32	_
Stock in America and quantity affoat	. 2,631 2,780 3,25	50
m-4-1	16 179 16 434 17.59	95

... 1,063 ... Price of Straits and Australian tin, New York 21½c. 22c. 20½c. ditto ditto London £97 £97 £97 £87 There being some doubt as to the reserve stock of Banca, we have omitted same from this month's circular. It will appear in our next. New York, May 1. EDWARD P. WHITE AND CO.

THE STEEL TRADE.

Information is to hand showing the present output of Thomas-filebrist steel in Europe during the six months ending with the close of March last. The method is in operation in England, France, close of March last. The method is in operation in England, France, Belgium, Germany, Austria, and Russia, and the total number of firms working it is 17, distributed as here:—England, 1; France, 2; Belgium, 1; Germany, 9; Austria, 3; Russia, 1. The total output daring the six months by all these firms was 279,400 tons. England made 57,911 tons; France, 5962; Belgium, 12,786; Germany, 152,479; Austria, 37,476; and Russia, 12,786 tons. The present annual make of Bessemer basic steel is, therefore, at the rate of 558,800 tons. Mr. Gilchrist, in his paper, read at the close of November last year before the Institute of Staffordshire Ironworks' Managers, estimated the six months' output at 283,400 tons, but he was without precise returns from one of the works. This computation was based upon the October make. Whatever effect, therefore, indifferent trade may have had upon the production of expensive different trade may have had upon the production of expensive steels since October, it has had very little or no effect in reducing the quantity made by the cheaper and most modern process. Inthe quantity made by the cheaper and most modern process. Information from Austria which accompanies these returns is largely confirmatory of the expectations known to be entertained by those stelmasters in this country who have most experience of the basic process. Mr. Windsor Richards who, as the manager of the firm, process. Mr. Windsor Richards who, as the manager of the firm, which is turning out at Eston between three and four times the quantity produced by any other single firm throughout the whole of Europe, stated but lately that he did not see why rolled steel should not be produced from lean ores, by the basic process, of a quality equal to that now being made by other processes from the richer ress. The intelligence is, that at the request of the Austrian Lloyds' plates made in the Bessemer converter by the Thomas-Gilchrist process at Witkowitz, Moravia, were recently sent to Lloyds' Registry of Shipping, with a request that they would report upon their suitability or otherwise for boiler and shipbuilding purposes. These basic plates forwarded from Witkowitz were, by the Austrian Lloyds', tested in the castomary exhaustive manner, and in the end were pronounced to have stood very satisfactorily all the tests required by pronounced to have stood very satisfactorily all the tests required by that Lloyds committee.

INTERNATIONAL ELECTRICAL EXHIBITION, VIENNA.—The Italian Ministry of Public Works will take part in the Exhibition by exposing the telegraph administration; and the Danish Navy Ministry by exhibiting new inventions in the department of torpedos. Besides Rassa the Wurtemberg Government has now likewise appointed as its representative Dr. Dietrich, Professor of Electrotechnic at the Polytechnic School in Stuttgart.

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IMPROVED STORAGE BATTERY.—The framework of the electrodes is the polarised batteries for the storage of electricity, invented by Mr.

N.DE KABATH, of Paris, is of pure lead, the entire surface of which
framework is perforated or may be made of leaden strips interlaced
one with the other so as to form a network arrangement. This
framework is made on a large scale and can be afterwards with one with the other so as to form a network arrangement. This framework is made on a large scale, and can be afterwards cut to any size and shape. Between this framework he places a layer of spongy lead which has been previously prepared by a special chemical process. He takes a layer of the framework, and lays on top of that a layer of the spongy lead; this is continued alternately one layer above the other. He then puts these layers, alternately arranged as described, and submits them to a certain pressure, which has the effect of filling up the perforations in the framework, and thus brings the spongy lead even with the exterior surface. After this the edges of the framework are turned down and soldered by means of electricity. Where the framework is of net-like arrangement he surrounds the framework with a strip of lead, and he solders each thread of the lead net to such surrounding strip. This arrangement has the great advantage of allowing the current to find an ment has the great advantage of allowing the current to find an equal pathway along the whole exterior surface of the electrode, and consequently diminishes the internal resistance of the battery. The preparation of the spongy lead forms an important feature of the invention. Acctate, or sugar of lead, acetic acil, acetate of rice are employed. He takes sugar of lead and dissolves in pure zine are employed. He takes sugar of lead and dissolves in pure water 8 per cent, thereof. As soon as dissolved he filters the solution by means of the paper filter. After this he prepares a plate of zine the shape and size he requires for the battery. One side of this plate he covers by an insulating material, which he prepares with two parts of Japanese wax, one part resin, and one lamp-black; this constitutes the insulating mixture. The other side he makes perfectly clean of all grease, and the plate is then ready. The solution being in a proper vessel he places the plate in the solution at an angle of 30°, the side covered by insulating material being underneath; by the chemical law immediately the plate touches solution the zine dissolves, and lead in solution replaces the zine that has been dissolved. The lead which is thus deposited is of a very fine spongy nature.

AMERICAN POSTAL TELEGRAPH COMPANY .-- An enterprise bear AMERICAN POSTAL TRLEGRAPH COMPANY.—An enterprise bearing this title is it appears about to be brought to the notice of British capitalists, concerning which Truth, of New York, says that the merits of the proposition need most careful investigation, and if you find any you will be entitled to credit for a keenness of vision superior to that of any Yankee. The Postal Telegraph Company has an enormous paper capital. The paper capital is the most valuable portion of the plant to the promoters. The company possesses the right to use a telegraphic instrument which has been rejected by the Western Union Telegraph Company, after an expenditure of thousands of dollars in a vain attempt to apply it to commercial telegraphy. The Westing public will be told that a newspaper can be sent by means

some truth in this, but the fault found with it is that it is practically useless for the transmission of a constantly changing succession of separate despatches. But the principal reason for inviting the investing public to carefully consider before buying the stock is that it is manipulated by one of the unluckiest men in America. (That he is euphemistically described is due much more to Truth's politeness than to an absence of adequate adjectives in the vocabulary of criticism.) The projector of the company has been for some years engaged in mining operations which, with a singular coincidence, have begun with glowing prospects, and have as regularly come to grief. He is one of the gentlemen who was "imposed upon" by the scoundrels who a few years ago robbed the people on both sides of the Atlantic of thousands of dollars by the pretended discovery of a diamond field in Arizona, but which was found to have been "salted" diamond field in Arizona, but which was found to have been "salted" with stones bought in London. He denies that he was aware of the fraudulent operation, and there are to be found people who believe him, and who attribute the unkind things that were said of him to a sense of disappointment on the part of those who lost their money. Truth certainly does not accuse him of any roguery in the matter, and only refers to the subject as indicating his liability to errors of

LONDON, CHATHAM, AND DOVER RAILWAY.—The passing by a committee of the House of Commons, just before Whitsuutide, of the Bill for the extension of the Oxted and Groombridge Railway from Croydon to Dulwich, from which point the Chatham and Dover Railway will take its traffic to Holborn Viaduet, Ludgate Hill, Moorgate-street, King's Cross, and Victoria, is the commencement of a new era in the history of the Chatham and Dover Company, which must favourably affect its fortunes to an important degree. Hitherto must favourably affect its fortunes to an important degree. Hitherto excluded from the whole of the territory embraced by the counties of Surrey and Sussex, including Eastbourne, Hastings, Newhaven, Brighton, Shoreham, Worthing, and Bognor. The Chatham Company will, by means of the new line, obtain a commanding position at Tunbridge Wells, the heart of that territory, and, in addition, secure access to Croydon with its population of nearly 80,000, and the rapidly growing suburban districts between Croydon and Dulwich. To the whole of this country the new line is not merely a line competing with an existing railway; it forms a new route from Ludgate Hill and Holborn, Moorgate-street and King's Cross where none now exist, exclusively belonging to the Chatham Company, to which it must be of immense value.

REPORT FROM CORNWALL.

May 24.—So far as we can judge, the dulness of mining business commencing with the news of the Dolcoath disaster, and heightened by the Whitsuntide holidays, is likely to show few signs of giving way for the next few weeks. About Midsummer, or perhaps a little before, some revival seems likely, but until then there is not any marked prospect of material improvement. It is just as well that this should be recognised, for we believe that so far as the actual capilities of mining are concerned they are good and need cause. conditions of mining are concerned they are good, and need cause no uncertainty.

It is of no use attempting to comment in any detail upon the Dol-

coath fraud in the present state of our information thereon. The examination before the magistrates last Saturday, attended by a crowded court, wasof a very unedifying and disappointing character. In the face of the letters which Mayne had written, and of the state-ments which he had made, it had been imagined that he had con-fessed in the fullest sense of the term, and that the qualms of con-science to which he had referred had induced him to make a clean science to which he had referred had induced him to make a clean breast. The line of defence taken by his advocate, raising all manner of obstacles, and interposing every possible legal technicality, at once, however, dispelled that illusion, and removed from the case the last shred of sympathy it was possible to feel. The prosecution have now not only their duty to perform, but their work to do; and they will do it. Though the case has only been opened, the statements of Mr. Henry Rogers reveal the existence of frauds of the most deliberate and ingenious character, commencing with falsifications of the share transfer ledger three years since; but not reaching the Cost-book ledger until last autumn, when the committee were cations of the share transfer ledger three years since; but not reaching the Cost-book ledger until last autumn, when the committee were hoodwinked into overdrawing the dividend account. The transfers were worked apparently by a system of increasing the number of the shares to which they referred, the transfer certificates being correct as transfers, but having been manipulated to bear a larger number of shares than the legitimate total. In the absence of suspicion, and upon the method of proceeding adopted, while the frauds were confined to the transfer ledger it was hardly possible that they should be detected, and a certain amount of explanation by way of "error" annexed by some apparently corrective pencil figure was "error" annexed by some apparently corrective pencil figure was always possible. When, however, the Cost-book ledger was tam-pered with detection at some time or other was inevitable; and if we are right in our interpretation of Mayne's conduct this must have been seen by him.

Further comment at the present juncture seems to us injudicion

There are many most important considerations, which we are hardly yet in a fair position to discuss, and in regard to which we must wait for fuller and clearer information. So far, however, as the plans for an improved method of register and transfer are concerned, of which so many have been put forth, it seems to us that an ingenious man might abuse them all. It must be borne in mind that this creation of false stock, though never known to such an extent under the Cost-book System, is no new thing, but has been practised both in ordinary joint-stock companies and in Limited Liability companies, and that absolute protection has not yet been discovered.

The new ground which is to be worked by the old South Caradon Company is to be known it stope the companies of New South Caradon.

Company is to be known, it seems, by the name of New South Caradon, and consists of Capt. Rogers's Stanton property and two setts handed over by Mr. Hawke adjoining the old mine to the south and Foredown to the west, and containing six large and well-defined lodes, a mile in length. The idea is to increase the present number of shares, and to push forward the works vigorously. So far as we can gather, the great bulk of the shareholders in the old company will

gather, the great bulk of the shareholders in the old company will embark in the new venture, a point which will be made fully clear, however, at the forthcoming special meeting.

A somewhat novel application came before the Vice-Warden of the Stannaries on Saturday. Mr. F. Hearle Cock applied, under the 161st section of the Companies Acts, against Messrs. T. E. Foakes and J. C. Sharpe, two of the directors in the Lady Bertha United Copper and Tin Mining Company (Limited), to show cause why they should not repay to the official liquidator the sum of 750t., which in September, 1880, they improperly advanced to the Edgoumbe Manganese Mining Company, the latter having since become insolvent. ganese Mining Company, the latter having since become insolvent. Neither of the gentlemen appeared, nor were they represented, and an order was made for the repayment of the sum, together with interest at 5 per cent. from Sept. 25, 1880, until the date of the repayment, together with all costs.

whether after parting with possession to a Cost-book company there

ould be any lien on the part of Mr. Eyre.
Capt. Nicholas has favoured the members of the Mining Institute with a description of his new pulveriser, for which it is claimed that not only is the work thoroughly well done, but that the motive power required is less than in any other pulveriser in existence. The reduction is performed by a rubber consisting of a series of inclined planes. So far the working has been of a most satisfactory character, and ere long the apparatus will be thoroughly tested in different mines under the most varied conditions. Our mining mechanics have

of this instrument much more rapidly than by any other. There may be some truth in this, but the fault found with it is that it is practically sole question appeared to be whether they had any other papers, they useless for the transmission of a constantly changing succession of sole question appeared to be whether they had any other papers, they having made no communication on the matter. Mr. G. H. Chilcott, on behalf of the official liquidators, pointed out how important it was that all the papers and documents relating to the company should be produced, in order to facilitate the winding-up proceedings, and show the position of the company. His Honour ordered that unless Messrs. Stacpoole file an affidavit in four days, to the effect that they have no books, papers, deeds, writings, or other documents in their custody or power relating to the company other than those which they had already produced, they shall produce books, &c., without prejudice to their lien, and that they pay the costs incident to this application, otherwise the order nisi to be discharged without costs.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

May 24.—Business shows but little alteration on the week. The number of furnaces blowing in South Staffordshire is reckoned at 46, but it is not possible to find a ready sale for this output at present, hence makers' stocks are increasing. In best pigs this is particularly so. Hot-blast all-mine pigs vary from 65s. to 62s. 6d., and in some cases even a little less. Part mines are 50s. to 45s., and cinder sorts 40s. to 39s., less 2½ per cent. Foreign pigs are very tame, notwithstanding that prices decidedly favour buyers. Northampton are offered at 45s. upwards. For Derbyshires 47s. upwards tame, notwithstanding that prices decidedly ravour buyers. North-ampton are offered at 45s. upwards. For Derbyshires 47s. upwards is asked, and Wigan sorts are out of the market at 48s. 6d. Finished ironmasters complain loudly of the unprofitableness of business. Prices get worse instead of better. Sheets (singles) are 7l. 10s. upwards, and plates 8l. 10s. to 9l. Bars are 8l. 2s. 6d. to 7l. 10s. for marked sorts, 7l. to 6l. 10s. for second-class sorts, and 6l. for common. The hot weather is checking the regularity of operations at the works. The coal trade is quiet.

marked sorts, 7l. to 6l. 10s. for second-class sorts, and 6l. for common. The hot weather is checking the regularity of operations at the works. The coal trade is quiet.

This (Thursday) afternoon the Coal Trade held a meeting in Birmingham, the miners' representatives being also present, to receive the award of Mr. Haden Corser in the wages dispute. Mr. Corser awards that as all the masters have not followed the lead of Lord Dudley in dropping coal 1s. per ton the old rate of wages shall continue in force until the expiration of the Birmingham agreement on Aug. 1. A resolution was passed accepting the award. It was further determined that the new Conciliation Board now being formed should consist of 12 masters and 12 representative men. A dispute arising out of the issue of Lord Dudley's circular dropping coal quotations has come before the Willenhall magistrates. The royalty masters of the Essington Farm Colliery summoned on Monday 12 men for breach of contract, claiming 2l. 10s. from each as damages. On the morning of May 1 the men refused to descend at the drop of 2d. per day or stint, saying that they understood that the question of the drop was not to be settled until a meeting of the Coal Trade in Wolverhampton on the 5th inst., which proved to be correct. The bench thought there had been a misconception by the men as to the rule of wages following a rise or drop, but they were not justified in neglecting their work. They were each fined 2s. 6d. and costs.

The North Staffordshire miners are seeking aid to continue their and costs.

and costs.

The North Staffordshire miners are seeking aid to continue their strike from South Staffordshire, on the ground that some time ago the North contributed about 8000l. to the relief of the South. They appear at present to be getting the best of the dispute, for several other masters have withdrawn the notices. About 1000 men have found work at pits, when an increased demand for coal consequent counts strike has enabled three shifts to be made in 24 hours. The on the strike has enabled three shifts to be made in 24 hours. The number still playing is estimated at 7500. At meetings at Burslem and Audley, on Tuesday, resolutions were passed in favour of continuing the resistance to the reduction. At the Burslem meeting a resolution was also passed thanking Mr. Burt, M.P., for his efforts to amend the Mines Regulation Act of 1872 and the Employers' Liability Act. The men claim that the average carnings are not record. bility Act. The men claim that the average earnings are not more than 22s. a week. Among several extravagant utterances at some of the meetings is one to the effect—"That the 500,000 colliers of Great Britain ought to form one great national union, and determine that wages shall be raised 1s. a day."

REPORT FROM DERBYSHIRE AND YORKSHIRE.

May 24.—Trade in some of the districts in Derbyshire has become somewhat quieter now that the fine weather appears to have set in, seeing that the demand for some descriptions of coal has fallen in, seeing that the demand for some descriptions of coal has fallen off. The miners employed at the Grassmoor Colliery who had struck against a slight change made in the time of commencing work in the morning did not remain long out, but went in again immediately after the holidays, finding that there was nothing really in the proposed change, and that there was no fund to support them. In fact, it was not a question of increased hours, but merely beginning the day's work half an hour later, and working the ordinary eight hours. Nothing is now heard of the question of limiting the output of coal, although a delegate is to be sent from the district to the conference that is to be held at Manchester on June 1 to devise the best means for carrying out the decision of previous conferences best means for carrying out the decision of previous conferences that the men should only work five days a week. So far as Derbyshire is concerned this appears to be unnecessary, seeing that the miners are now only working at that rate, and at some places are not even doing so much. Before long, indeed, at many of the largest mines, it is likely that the business will not admit of the

largest mines, it is likely that the business will not admit of the men working more than four days a week.

The fine weather has already affected the trade with the Metro polis in particular, and prices have a decidedly downward tendency. The summer price of house coal is becoming general, and under such circumstances it is not easy to see how the present rate of miners' wages is to be continued. The 10 per cent advance was made in September and October last, when trade was comparatively brisk and prices considerably higher than they are now, so that a change is impending, notwithstanding the meetings of conferences and congresses, which will be found to be powerless in maintaining the existing rate of remuneration in the face a diminished trade and the existing rate of remuneration in the face a diminished trade and low prices. Steam coal has gone off tolerably well of late, the railway companies having considerably increased their consumption, whilst a full average has been required for the ironworks, but not much is sent away for shipment. Coal for engine purposes has rather improved in demand of late, but of coarse less is being done rather improved in demand of late, but of course less is being done for the gas companies. Some of the ironworks are better off than they were, especially as regards pipes and heavy castings. At Dronfield the steel plant is being fast removed to Cumberland, and the whole will be shortly taken away, but what is to become of the building itself is not known, although it is well adapted for many purposes, and at one time it was thought likely of being converted into wagon building works.

In Sheffield no material change has taken place in the general state of the trade of the town and district, most branches being well employed. Some of the houses are busily engaged in making steel and other goods for exportation to America before the new tariff

ment, together with all costs.

An important case, in which decision is reserved, has been heard by the Vice-Warden, in connection with South Dolcoath, a claim being made on the company by Mr. G. Eyre for 1269l. unpaid purchase-money, under an agreement made between him and Mr. Henry Lambert. Evidence was given that the shareholders knew nothing of Mr. Eyre in the matter, and knew nothing of his claim.

The point to be decided is whether Mr. Lambert was the company's special qualities, so that it is now used for many purposes instead of crucible steel. In armour-plates there is still the same activity, for each other ment and other goods for exportation to America before the new tariff comes into operation in July, when certain of our manufactures will be all but shut out from that great market. Not so much is doing in steel rails, owing to the low rates that contracts are taken in other localities, and it does not pay our makers to produce them under 5l. a ton. Still, an increased quantity of Bessemer is being made of special qualities, so that it is now used for many purposes instead of crucible steel. In armour-plates there is still the same activity, for special quantities, so that it is now used for many purposes instead of crucible steel. In amour-plates there is still the same activity, for there are heavy orders in hand not only for vessels at our own naval yards, now in course of construction, but for the Italian, Russian, and some other Governments as well, so that there is every promise of a long season of activity in connection with this important local branch of trade. Plates for ordinary shipbuilding purposes continue in fair demand, and the mills, as a rule, are now running well. Table and other cutlery is in steady request, more especially the better qualities; whilst there has been a good business in razors and instruments. The strike of the file-makers has, of course, been felt, and eff capital. The paper capital is the most valuable portion of the plant to the promoters. The company possesses the right to use a telegraphic instrument which has been rejected by the Western Union Telegraph Company, after an expenditure of thousands of dollars in a vain attempt to apply it to commercial telegraphy. The igvesting public will be told that a newspaper can be sent by means

whilst the make of all kinds of tools has in no way declined. All kinds of railway material, excepting rails, as before state i, have met with a steady demand, and the same remark applies to steel cast-ings for mining purpo-es. At the foundries business appears to have improved in both the light and heavy departments, in the latter with respect to machinery for crushing purposes, as well as for the washing of coal, whilst orders for pipes appear to be coming to hand more freely, the season being now favourable for laying them in the

streets.

The collieries in the South Yorkshire district have worked well up to the holidays; but now things are looking differently, seeing that considerably less is being done in house coal, and owners cannot command the prices they did up to the end of April. Steam coal, however, is now going off better than it did, and a heavy tonnage goes to Grimsby for shipment principally to the North of Europe; whilst a fair ronnage also is forwarded to Hull from the pits in both the Barnsley and the Normanton districts. To Good also a considerable tonnage has been sent for shipment to London, Plymouth, and other home ports. A large quantity of coke is now turned out from several collieries in the South Yorkshire district, and as great care is taken in the cleansing of the small coal before and as great care is taken in the cleansing of the small coal before it is pu into the ovens, a quality of coke is produced that is considered to be equal to the Durham, and large quantities of it are sent to the furnaces in Lincolnshire, Derbyshire, and Northamptonshire, to which, of course, the carriage is considerably less than it is from the Durham districts.

TRADE OF THE TYNE AND WEAR.

May 23.—The demand for the Northumberland Steam Coal continues very good; there has been a reduced output owing to the holidays; but all the works are now fully employed, and the producholidays; but all the works are now fully employed, and the production is as large as it can possibly be with present appliances. The price of this coal is well maintained, and likely to advance. The shipments are principally in the direction of Egypt, Russia, Sweden, Spain, and to Eastern ports generally, a cheering sign of the times being that the Northumberland coal is again coming into favour in districts where it was required to a certain extent for Yorkshire and Welsh coal. Mr. Bunning, the secretary to the Coal Trade Association at Newcastie, has just issued an interesting report on the merits of the Northumberland steam coal as a first-class fuel for steamships and other purposes. The results of elaborate experiments by ships and other purposes. The results of elaborate experiments by distinguished authorities show that this coal has a higher evaporative power than Welsh coal: 1 lb. of the former will boil off more water than 1 lb. of the latter in the proportion of 10-68 to 10-13. Sir William Armstrong made some experiments in 1857, and he states that the coals from the Hartley district have an evaporative power fulls each to the twenty the them. fully equal to the best Welsh steam coals; and that practically, as rep a ds steam navigation, they are decidedly superior. Mr. Bunning has brought together a large mass of information which deserves the attention of ship owners and all who are interested in the question of raising steam in the most economical and effective manner. In Durham and on the Wear there is a good demand for house coal, and the demand for coke for shipment and inland consumption also continues good, but at the present moment the demand for gas coal is of course, reduced to a certain extent, but, on the whole, the works

of course, reduced to a certain extent, but, on the whole, the works are fairly employed.

A project has been set on foot for organising a system of saving life in cases of colliery disasters by means of the Fluess apparatus. This system was made use of at the Scaham Colliery after the terrible explosion of September, 1880. Since that time the utility of the Fluess safety suits and lamps has been often demonstrated—notably at the Killingworth Collieries last year, when the working shaft failed and closed, and the men (11 in number) could not be reached from the second shaft by the ordinary means, owing to foul air. It is now proposed to carry into effect the recommendation of the Home Secretary to form an institution for their use in colliery districts on the same lines as the Royal National Lifeboat Institution in regard to saving life on our coasts. It is proposed to place in in regard to saving life on our coasts. It is proposed to place in each co-liery district a Fluess life-saving apparatus, and to establish and train a suitable staff of volunteers to perform the work of each and train a suitable stair of volunteers to perform the work of each station, so that no time would be lost in case of disaster. There is no doubt that the system will be well supported in this district. It is absolutely necessary that men should be trained to the use of the apparatus to give any chance of success. It is understood that arrangements are in progress for the organisation of a determined opposition to any renewal of the London Coal and Wine Duties, which largely affect this district, and it is intended that an influential downtain representing all intersected in the matter, shall wait tial deputation, representing all interested in the matter, shall wait on the Premier at an early date, to urge upon him the objections to this anomalous position.

this anomalous position.

There is no change in the Iron Trade, prices are certainly steady, but there appears to be no prospect at present of any advance from the low level pig-iron has reached, and also most kinds of manufactured iron and steel. At Middlesborough the men employed at Bolckow, Vaughan, and Co.'s steelworks, at Eston, have turned out to resist the reduction proposed in their wages—10 per cent. in the manufacturing department, and 5 per cent. in the mechanical department. The works are consequently stopped, and nearly 4000 hands are idle. On Monday the men held a meeting to appoint a deputation to meet the general manager (Mr. E. Windsor Richards), who had expressed a wish to meet the men. A deputation war, howwho had expressed a wish to meet the men. A deputation war, how-ever, appointed with express injunctions to submit to no reduction. The interview with Mr. Richards took place in the afternoon, when The interview with Mr. Richards took place in the afternoon, when he explained that trade was so bad, steel rails having fallen 20s. per ton, that the directors had decided that a reduction must take place. The men held meetings in the afternoon, the majority being in favour of standing out, and a* it was intimated that the works would be closed for the week if the men did not return to work on Tuesday morning, there is every prospect of an idle week. At Eston, at the Middlesborough works of the firm, a large number of the men have resumed work. At the Middlesborough market on Tuesday there was a large

attendance, but no improvement in demand; it was, indeed, proved that pig-iron has not yet reached its lowest price, 39s. 6d. was quoted in some cases as No. 3. This state of matters puzzles the most experienced men in the trade, as the home consumption continues large, and the export trade is also well kept up. The shipments for the week ending on Monday were 20,647 tons. The iron shipbuilding trade on those rivers continues to be fully employed, and the output of those vessels will be largely increased during the present year. On the Tyne several new firms have commenced operations, and others are preparing the works; two more companies are also projected, and in course of formation.

The engineering and foundry trades are, of course, extremely well

employed, and the prospect for those trades is very good for the pre-sent year. This is clearly shown by the fact that the men in most branches of those trades have got an advance of wages with very little demur on the part of the employers strikes have occurred, but these have been of short duration.

The annual delegate meeting of the Northumberland miners was held on Monday, the most important feature of the meeting being the address of Mr. Burt, M.P., the miners' agent for the district, on the Employers' Liability Act. It appears from the address of Mr. Burt that the Trades Union Congress decided some time ago that a Bill should be introduced to the House of Commons to amend this Bill, and the task was entrusted to Mr. Macdonald, but he died some time ago, and now Mr. Burt has undertaken to introduce the Bill and deal with the subject as far as he possibly can. The new Bill proposes to enact that the Act of 1880 should be enforced, notwithstanding any contract or agreement, including all or any of the provisions of the Act, or otherwise interfering with the operations thereof.

That is the chief provision of the Bill, and if that was carried it would effect very great changes in the present mode of meeting the provisions of the Bill, as in Lancashire alone, Mr. Burt stated that 27,000 men had been compelled to contract themselves out of the Act. But a clause in the new Bill provides that it shall only affect future contracts; the Amendment Bill does not affect any contracts entered into previously. It is evident, however, that the organisation from whence the Bill emanates aims at the full carrying out of the Bill, and the abolishing of all dontracts, and Mr. Burt avidently

endorses those views, as he says-" However gross the injustice to endorses those views, as he says—"However gross the injustice to the workmen who had been compelled to contract themselves out of the Act, the new Bill did nothing for them unless they could get out of that contract by hook or by crook. Where the contract had been forced upon them he did not hesitate to say that they would be justified in breaking it by force." We cannot understand what Mr. Burt means by "force" here. Strictly speaking contracts made in this country must be mutual; no man or body of men can be forced to enter into a contract. No doubt the masters in some cases may have put on some pressure. In this district contracts have been made between the masters and men at some of the large works with respect to the Act. This was done at the works of Sir William Armstrong, and in some other cases, and we are inclined to the opinion respect to the Act. Inis was done at the works of Sir William Armstrong, and in some other cases, and we are inclined to the opinion that, on the whole, these contracts are not opposed to the interests of the workmen. Where there is no contract of this kind experience shows so far that it is only in very clear and plain cases of defect or negligence that resort will be had to the law for compensation, and in great disasters, such as colliery explosions, the result of litigation must be always doubtful. There is no doubt that the Act has had come influence towards the revention of these colliery disasters. nome influence towards the prevention of these colliery disasters.

The crisis in the Cumberland irontrade has passed for the pre

sent. The employers have obtained a 5 per cent. reduction in the rate of wages paid to the men at the blast-furnaces, and some other reductions have been made in other branches, which, in the aggregate, has given considerable relief to the ironmasters. The com-petition is still, of course, very keen between the producers of hematite iron from the native ores and those who smelt the imported ores from Spain. The wonderful deposit of hematite ore in Camberland has been very much depreciated in value by the introduction of the Spanish ores. Of course, this has only been rendered possible of the Spanish ores. Of course, this has only been rendered possible by the introduction of steamers, which carry the ore from Spain to the Cumberland coast at very low freights, and also by the fact that the ore is procured in Spain at a very low cost. Ironmasters in that district who derive the ore they smelt from the Cumberland mines, which can only be got at a considerable cost, have been much pressed of late, as the price of the iron they produce has been very low, and they have to pay a high price for the bulk of the coke they consume.

TRADE IN SOUTH WALES.

May 24.—The Whitsun holidays have disorganised the steam coal trade, and the pressure is now greater than ever. A sharp rise has been demanded for immediate shipment, and business during the next two or three weeks will be exceptionally heavy. Colliers waste too much time in their local parliaments, where they are led by men too much time in their local parliaments, where they are led by men who are almost as uncultured as themselves, but who fancy that they have a faculty for legislating upon imperial as well as local questions. The golden days of South Wales are returning if men will only keep steadily to their work. The vast expenditure of capital now going on in the way of affording additional facilities for the shipment of coal, and the probable outlay of several millions more in docks and railways furnish sufficient proof of the opinion strongly held by shrewd business men from the North and elsewhere that this district is capable of vast extension, owing to its almost inexhaustible mineral wealth. It is asserted by those best able to indee that it will take 270 years to exhaust the best seams of steem inger that it will take 270 years to exhaust the best seams of steam coal in Glamorganshire, and that is why both Newport and Swansea are making efforts to secure a rapid route for this coal to those ports. Last week the shipments at Cardiff were 89,697 tons foreign, and 20,412 coastwise; Newport, 19,810 tons foreign, and 18,835 coastwise; Swansea, 21,937 tons foreign, and 10,275 coastwise. Prices

wise; Swansea, 21,357 tons toreign, and 10,275 coastwise. Prices range from 9s, 3d. to 11s. 6d. per ton.

The work of sinking the new pit between White Rose and Cwmsyflog, at New Tredegar, is being pushed on vigorously by the Messrs. Beith, the contractors. They have encountered some rock in their sinking operations; but, notwithstanding this, they are down over 50 yards already, which, speaks well of the efforts made to carry operations. A great many hands are already employed about

The iron and steel works are fairly employed at low rates. parcels were sent away last week from Newport, including 1350 tors to Naples, 684 tons to Rio de Janerio and 250 tons to Imbitube. Cardiff sent away an aggregate amount of 2751 tons. Iron ore, which keeps in a depressed condition, arrived at Cardiff to the extent of 17,984 tons from Bilbao and 513 tons from other places; Newport received 8634 tons from Bilbao and 3240 tons from other places. The price is quoted at from 13s. 6d. to 14s. per ton.

Tin-plates are reported to be in a better condition at from 16s. to 16s. 6d. per box, but we hear of contracts being made much below that sum

REPORT FROM NORTH WALES, SALOP, AND CARDIGAN.

May 23.—Referring to the notices of Cardiganshire in the correspondence of the Journal last week, it may be of interest to observe that important discoveries of ore have been made at the Erglodd United Lead Mines, and at the Cefn Gweiriog Mine. Still it is true that for the most part lead mining is under a cloud in that county, chiefly in consequence of the lowness of the price of the metal.

In Shrowshire successful developments are gaine on in death at the

chiefly in consequence of the lowness of the price of the metal.

In Shropshire successful developments are going on in depth at the Snailbeach Mine. Unfortunately a fatal accident occurred at this mine last week through the unexpected explosion of some holes that had been previously charged, and by which an experienced miner named Odgers lost his life, and several other men were seriously hurt. In Carnarvonshire new explorations are going on in the copper lodes about Beddgelert and Snowdon. The copper mines of Anglesey seem to keep in about the same position. In the south-west of Carnarvonshire the lead mines are hardly doing so well as they were. The price of lead affects these as well as mines elsewhere. Considering the fineness of the weather, the coal trade keeps fairly good. dering the fineness of the weather, the coal trade keeps fairly good, the loss in house consumption being more than compensated by the activity in shipping orde s. The lime and limestone trade is not so good. The iron furnaces of the Ruabon and Wrexham district are well employed. The slate trade in the Festiniog district is The quarries of Carnarvonshire and elsewhere are not so fully yed. In the North-East Montgomeryshire lead district the employed. employed. In the North-East Montgomeryshire lead district the machinery has just been started at the Ochre-y-Graig Lead Mine, Llangwiniog, and explorations are being made on the Craigddu lode, in the Hirnant Valley. The two great public works of the whole district—the Mersey Tunnel and the new waterworks for Liverpool are making good progress.

PRACTICAL MINING-TREATMENT OF ROUGHS.

The paper on the new pulveriser recently patented by Captain Nicholas, of West Basset, read before the Mining Institute of Cornwall, on Tuesday, is calculated to maintain the interest of the members in the discussion of practical matters, and the in which the President, Mr. J. Henderson, C.E., described the dia grams illustrating the invention added largely to the application of the improvements introduced. The machine consists of a barrel or rubber, which is made of incline planes, cast or bent into a cylin-drical form, and so placed that the larger end of each plane is next to the lesser end of the cock following. After describing the piercing of the holes, &c., it was shown that the material to be pulverised is put into a hopper on the cylinder, and by means of water is conducted through the aperture, falls on the barrel, which in its revolu-tion rubs or crushes the material on and against its false bottom or bottom, which ever may be in use. The action of the barrel is that bottom, which ever may be in use. The action of the barrel is that of a series of groundings or pressures, and as each inclined plane comes into contact with the bottom, so is the material pulverised. The groove formed by the junction of the greater and lesser ends of the inclined planes allows a space for the material to change position on another surface. When ground of sufficient fineness the material is carried out. The machine may be driven by steam, and that of the barrel 21 in. in diameter, 4½ ft. long. This size reduces to the finest power required 8 tons of barnt leavings per day, with pleas than 1-horse power, and 5 tons of hard "roughs" from the stamps, not exceeding 1-horse power. It was pointed out by Capt.

Nicholas that for some time attention has been given to the matter by Nicholas that for some time attention has been given to the matter by those interested in the question of reducing burnt leavings and "roughs" from the stamps, and he believed that the majority of tin dressers were in favour of the pulverising process, and against that of stamping for the reduction of that class of stuff to a uniform decree of fineness. In the construction of his machine—on the score of economy—he had kept in mind, first, the motive power; secondly, wear and tear. Having tried the machine for three months he felt wear and tear. Having tried the machine for three months he felt assured that it would not want repairs for 12 months. The cost of the rubber and false bottom for the large size would not exceed 12%. Compared with other pulverisers, he found that the motive power was in every cases in excess of his own for reducing the same quantity of stuff. He claimed for his pulveriser that it would do from 30 per cent. to 75 per cent. more duty than any other pulveriser. In the course of the discussion which followed the reading the President remarked that he thought the lever a splendid addition, and very simple; and Capt. Rich expressed his intention of trying one of the machines. He had discovered in this machine a uniform motion, which gave it more motive power. It would prove an advantage to them in the burnt leavings, even if the cost would be equal to the stamps. They did not expect one stamp-head to re-

vantage to them in the burnt leavings, even if the cost would be equal to the stamps. They did not expect one stamp-head to reduce 5 tons of "rough" a day, 1 ton was satisfactory. The whole weight of the machine was 10 to 11 cwts. The superiority of pulverisers for reducing rough sand and burnt leavings was noticed by Capt. White, who added that the pulverisers that had been at work at Wheal Peevor for the past three or four years had each been crushing 6 tons of burnt leavings every 24 hours—a very satisfactory result.—Capt. Nicholas, referring to Capt. White's remarks, said that at West Basset two of the machines, purchased at a cost of 65. were worked out in six months. These machines would do but 3 to that at West basset two of the mannines, parenases as a cost of cost, were worked out in six months. These machines would do but 3 to 4 tons per diem, and reduced the stuff but imperfectly; and his machine would work with 75 per cent. less motive power for the same quantity of stuff.

Capt. White admitted that at Wheal Peever one of the machines was attached to the end of the axle. There was a machine near his was attached to the end of the axie. There was a machine near his mine which was worked by water-power, equalling two stamps heads.—Capt. Hambly observed that there were two machines at Wheal Uny, and this class of machine was the only one Capt. Nicholas had to fear. This machine was that of Mr. Cunnack. In three weeks each put through 7 tons of burnt leavings daily. Of Capt. Nicholas's machine he had only the highest praise.—Capt. Rich remarked that he had been for a long period in favour of rubbing Capt. Nicholas's machine he had only the highest praise.—Capt. Rich remarked that he had been for a long period in favour of rubbing the stuff down dry. He hoped Capt. Nicholas's invention would wear well.—Capt. Hosking said that when he visited Wheal Peevor as a member of the committee of the Polytechnic, he was well pleased with the machine there. It worked well, but he admired the machine of Capt. Nicholas, its motive power having such a distinct advantage.—Capt. White proposed a vote of thanks to Capt. Nicholas, and Mr. Thomas Pryor seconded, the latter remarking that the fault that had previously been found in Tregoning's pulveriser was the softness of its iron. From the observations made during the discussion it was evident that the excellent quality of the material used was a very important point in its favour apart from its mechanical superiority. The vote of thanks was unanimously adopted.

THE COAL FIELDS OF WESTERN CANADA.

The immense field for enterprise which exists in the North-Western Territory, British North America, has frequently been pointed out in the Mining Journal, and the rapid progress of Manitoba affords a good idea of the enormous strides which Canadian civilisation is making westward, and as it is acknowledged that nothing tends more largely to promote the prosperity of a country than the command of cheap fuel in abundance, the value of the records concerning the coal deposits, from time to time published by the Geological Survey of Canada, so ably directed by Dr. Alfred Selwyn, F.R.S., can scarcely be over estimated. In connection with this Survey there was published during last year a very interesting preliminary note on the "Geology of the Bow and Belly River District, N.W. Territory, with Special Reference to the Coal Deposits," by Dr. Geo. M. Dawson, F.G.S., A.R.S.M., and as the mineral resources of Canada are at present attracting much attention in this country it is grati-The immense field for enterprise which exists in the North-Western are at present attracting much attention in this country it is gratifying to be able to give the result of Dr. Dawson's investigations. In submitting the report to the Minister of the Interior a high complisubmitting the report to the Minister of the Interior a high compliment is paid by the Director of the Survey to Dr. Dawson with regard to the interesting and important character of the notes of his exploration of the coal deposits of the North-West Territory, and although it is naturally remarked that several seasons' work will be required to obtain necessary data for a full report and for the construction of an accurate map of these coal fields, the facts already ascertained will suffice to encourage and facilitate their practical development. development.

development.

The region examined forms the south-western angle of the North-Western Territory, and is drained chiefly by the Bow and Belly Rivers and their tributaries, though a portion of it lies in the Missouri Basin, and is drained by the Milk River. Dr. Dawson at present gives merely a short preliminary account of the geology of the district, with special reference to the coal beds. After the completion of the present summer's work it is intended to construct a geological map on the scale of eight miles to an inch, corresponding with those already published for British Columbia and the Peace River. great map on the scare of eight miles to an inch, corresponding with those already published for British Columbia and the Peace River and Upper Saskatchewan country, and to embody all the necessary details of structure in a general report. The region which has now been partially mapped and examined, extends from the 111th meridian westward to the Rocky Mountains, and is bounded south and north by the 49th and 51st parallels of latitude. The area of this region—drawing the western line at the edge of the palæozoic rocks—is slightly over 20,000 square miles. cal quantum and the call quantum and the call and the cal

region—drawing the western line at the edge of the palæozoic rocks—is slightly over 20,000 square miles.

After a careful though brief outline of the geology of the region Dr. Dawson proceeds to give his Notes on the more Important Coal Seams of the Bow and Belly River Districts, remarking that the fuel contained in the rocks described in the general notice vary from lignites, but slightly superior in quality to those of the Souris region, to materials containing a very small percentage of water, forming a strong coke on heating, yielding abundance of highly luminous hydrocarbons, and precisely resembling ordinary bituminous coals, though of cretaceous or laramie age. In describing them the general term coal will be used, as it is impossible to draw a definite line between the two classes among the numerous intermediate varieties. The coal seam last referred to as occuring on the lower Bow and Belly Rivers is seen in the banks for many miles at a varying height above the water, owing to the light undulating dips by which it is affected. It is generally not more than 1 ft, or 18 in. in thickness though so persistent in extent, but at one point on the thickness though so persistent in extent, but at one point on the Belly river it thickens to 3 ft., forming a workable seam, which appears to be of good quality throughout. This locality is 32 miles in a direct line from Coal Banks. No analysis has yet been made of

The locality just referred to as Coal Banks is at the crossing of the Belly River by the trail to Benton. The coal occurring at this place is that which has been described as existing at the base of the Pierre. It is one of the best in the district, and has been worked to a small extent for some years at this point by Mr. N. Sheran. The outerop of this seam is now known to extend from a point about six miles up the St. Mary River to that part of the Belly near and helps? Coal or this seam is now known to extend from a point about six miles up the St. Mary River to that part of the Belly near and below Coal Banks, and thence to run northward to the Bow River. South of the point indicated on the St. Mary River, it has not yet been traced, but as it appears remarkably constant in thickness and general character, both here and at the Bow River, 66 miles distant, it doubtless are the described to the state of the state ore or less perfectly exposed at intervals along this part of the

more or less perfectly exposed at intervals along this part of the Belly for a distance of about twelve miles, or from the workings at Coal Banks to Big Island of the map. Above the Coal Banks the measures are affected by a light anticlinal swell, which brings up older rocks, and the outcrop runs round to the west, appearing on the river again at the mouth of the St. Mary.

At the mouth of the St. Mary the main seam has a thickness of 3 ft. 6 in., but about 18 in. at the top is rather shaly. On comparing these sections on the St. Mary with those at Coal Banks and on the Belly River to the north, it will be noticed that the coal at the first-mentioned locality is more divided by shales and less favourably situated for working. On the part of the Belly River Coal Banks the measures have, as a whole, a light westerly dip, while that part of the outcrop between Coal Banks and Big Island forms a minor synclinal hollow in its edge, across which the river cuts in a direction nearly coinciding with the main strike of the measures, and gives rise to a great display of coal on this part of the valley. The coal-bearing horizion, as above mentioned, lies at the base of the Pierre, and its position between the dark shales of this formation and the pale sandy beds of that underlying it renders it easy to define the situation of the coals, even where their actual outcrop is concealed. For a distance of five miles north of the Coal Banks exposures, the dark shales just referred to occupy the River valley, while the outcrop of the coal is carried eastward to an uncertain distance by the light synclinal undulation above referred to. The gentle inclination of the measures shows that the coal might be reached at a moderate depth by shafts sunk through the dark shales in this part of the valley, from which it might with facility be worked up its slope to the eastward. The undulating character of the dips renders it impossible to estimate the exact depth at which the seam would be found, but it is probably not over 500 feet below th

[To be continued in next week's Journal.]

Meetings of Public Companies.

THE ANTIQUIA (FRONTINO) COMPANY.

THE ANTIOQUIA (FRONTINO) COMPANY.

A special general meeting of shareholders was held at the company's offices, Gresham House, yesterday,

The Hon. Mr. DRUMMOND in the chair.

There not being a quorum present at the time of the calling of the meeting half an hour was allowed to elapse to comply with the Articles of Association, at the end of which time the meeting was adjourned for five minutes.

Mr. J. J. TRURAN (the secretary) then read the notice convening the meeting. The CHAIRMAM then snoved the resolution—"The directors may issue the 107 shares of the original capital of the company now remaining unissued, or any of them, as fully paid-up shares to such person or persons, and at such time or times, and without receiving for the same any money, and for such consideration past or future, and generally upon such terms in all respects as to the directors shall seem proper, and every such share when so issued shall confer on the holder or holders thereof, if such holder or holders and subscribed and paid for the same in cash, and anything to the contarry in the other regulations contained in the Articles of Association of the company shall be and is hereby sucluded from the regulations of the company."

Mr. G. D. Harris seconded the motion, which was agreed to.

dings then terminated.

D'ERESBY MOUNTAIN MINING COMPANY.

D'ERESBY MOUNTAIN MINING COMPANY.

The ordinary general meeting of shareholders was held at the offices of the company, Gracechurch-street, yesterday,
Mr. J. Y. WATSON in the chair.

Mr. C. B. PARRY (the secretary) read the notice calling the meeting. The CHAIEMAN said: Gentlemen, this meeting should have been called some months ago, but having been led by the agents to expect quarterly increased returns when a communication had been made between Nos. 5 and 6 levels, on the heading part of the lode, the directors deferred calling the meeting, so as to be able to see the result, and report upon the work. To understand the nature and extent of this work, I may explain that the Great Gorse lode is 60 ft, wide, with two distinct parts, called the hanging and the heading. All our early works were on the hanging or shale part of the lode, but it was found necessary, in order to get into the heading, or main productive part of the lode, to drive a cross cut through a very hard rock for 60 ft.; then rise and sink 15 fms. more, so as to make a communication between the Nos. 5 and 6 levels at this heading part, and the open out a new mine. This work took unwards of 12 months to accomplish, but has now been completed, and the ground is being stoped away at the rate of alway to tons of lead ore a month, which about pays working cost, and any increased returns, which we may now reasonably look for, will yield a profit. A month or two ago the crank of the engine broke, and delayed one month's is plings. It will be seen by the accounts that the lead sales have realised 12th, or 12th, 12th,

wey faily into the details of the workings at the different points, and concluded as follows:—

We think that it is impossible to give a proper estimate of the value of this mine. We have spoken above of only one point to which our attention and operations have been confined, which in itself will make a valuable mine; but taking the whole scope of the grant, it gives it another character altogether, and silved such prospects that but few mines anywhere can compare with it. On the direct document of the present point of operations, we might have results, on the south of the present point of operations, we might have the Haina great lode, the great east and west lode of Lianrwst Mine, and cose or wo minor lodes between these; and to the north, the rich lode of the old Felin Plwmb Mine, forming a junction at a sharp angle, a strong east and west lode in the No. 3 adit shaft, and other lodes further down the valley. Then almost parallel with this lode on the west is the Fuchusias lode, which has nearly all the same junctions and intersections, so we feel fully pursuaded that it only requires a clear understanding of the facts in order to convert the most unbelleving in this matter to the same faith as ourselves.

Mr. Farny said he had recontly visited the mine, and went through the different workings, and saw every point which was being worked. The mine had been worked very well indeed, but there had been great difficulties to contend with, chief of which was a large quantity of water. They had now come to a ble 60 it, wide of nearly solid lead. He was perfectly established they would have a lode 60 it, wide of nearly solid lead. He was perfectly established with the great value of the mine.

The Chraman said they were now returning 20 tons a month, and if they could return 30 tons a month they would make a profit at the present price of lead, which was 2 it is 2 in the content of the mine.

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The CHAIRMAN said they were now returning 20 tons a month, and if they could return 30 tons a month they would make a profit at the present price of lead, which was 81, 15s. to 91, per ton. He hoped they would get up to 50 tons a month.

month.

Mr. ORLANDO WEBB said it really appeared that at last they had got into something substantial, and that there was reason to believe there would soon be stantial, returns. He accepted what had been stated regarding the goodness of the mine as gospel, and during the next 12 months he believed the mine would make returns which would cover expenses, and also leave a profit.

A short discussion ensued, in the course of which there was a general expression of opinion that additional funds should be placed at the disposal of the directors to carry on the necessary developments.

The resolution for the adoption of the report and accounts was then put and carried.

ORLANDO WEBB, seconded by Mr. MACMILLAN, the following reso- | to an ac-

ORLANDO WEBB, seconded by Mr. MACMILLAN, the following resolutions were unanimously passed:—
"That the Special Resolution of the company, registered on the 9th day of July, 1881, and being as follows:—'That the balance of 3528 new shares be held in reserve by the directors, to dispose of when and as they shall think proper, for the benefit of the company, be, and the same is hereby, cancelled."
"That the above-mentioned 3528 new shares of 10s, each be divided into 7058 shares of 5s, each, fully-paid."
"That such 5s, shares respectively, when allotted and paid-up, shall rank with the ordinary 10s, shares of the company, and shall be entitled to a divident of the same amount, at the same time, and in the same manner, as shall be payable for the time being on the ordinary los, shares of the company."
"That such 5s, shall, in the first instance, be offered to the present shareholders of the company, and so far as practicable pro-rate, and any shares not accepted by such shareholders within a time to be named in such offer by the directors, and also any bula ce of such 5s, shares, may be allotted, issued, disposed of, and death with by the directors as they may from time to time think expedient."

xpedient."
A vote of thanks to the Chairman and directors closed the proceedings.

DEVON GREAT CONSOLS COMPANY.

DEVON GREAT CONSOLS COMPANY.

The report of the directors, prepared for presentation at the meeting on Tuesday next, states that the accounts submitted show sales of copper ore for the six months from Oct. 31 to April 30 (inclusive), amounting to 5671 tons 6 cwts., which realised 13,331l. 15s. 4d., or an average price of 2l. 6s. 8d. per ton, being an improvement in the quality of the ore as compared with the two previous half-years. The accounts of the reduction-works show that the receipts for arsenic amounted to 10,818l. 15s. The directors informed the shareholders in January last that they had entered into a contract for the sale of arsenic amounting to about 25,000l. The total amount of expenditure for the half-year was 21,140l. 13s. 9d.

The statement of receipts and expenditure shows that the credit balance brought forward from last account was 1652l. 11s. 7d., and at the end of the current half-year it had been increased to 4224l. 18s. 8d., being cash at the bankers of the company and bills receivable, &c. The directors observe that but for the long and severe winter, entailing additional expenditure, and the continued depression in the price of copper, this balance would have been further incr-ased.

The report of the local mine manager (Capt. Issac Richards) fully sets forth

timed depression in the price of copper, this balance would have been further incr-ased.

The report of the local mine manager (Capt. Issac Richards) fully sets forth the present position and prospects of the mines, and in his report to the board of directors in states—" From the forgoing details of the workings at different points of operation throughout the mines it will be noticed that although our explorations during the past six months have not been attended with such results as were naturally to be expected from the general character of the lodes, it is satisfactory to observe that the indications in various directions and on different lodes are still of a very encouraging nature." Capt. Richards also refers particularly to Watson's part of the mines. Ho says:—"The strata being of a most congenial character for the production of mineral, and being traversed by the several cross-courses in connection with which our richest courses of orce were found on the main lode, our chances of success in this promising range of mineral ground, extending many hundreds of fathoms in length, are very great." And he further remarks as to the fine specimens of the which are being constantly found in the raisings from the explorations at Wheal E. mma, "strongly indicating the existence of this mineral in depth" on this strong and masteriy lode.

ideating the existence of this mineral in depth" on this strong and masteriy lode.

At the last half-yearly meeting the directors stated that previous to the holding of the next half yearly meeting they would engage the services of an experienced and competent mine manager—one well acquainted with copper and tim mining, to inspect and report on the company's property. They have entered into arrangements with Capt Josiah Thomas, of Dolcoath, to make the inspection, but owing to unforeseen circumstances he has been unable to go to Devon Consols, but expects to do so in a short time, when a copy of his report will be forwarded to each shareholder.

The directors refer with regret to the continued low price of copper, but they trust in a short time to see a considerable improvement. The average price of Devon Great Consols copper ores in 1847 was 64. 15s. per ton, in 1857 it was 65. per ton, in 1857 it had failed no 55. per ton, in 1879 it had further declined to \$4. 10s. per ton, and in 1878 to 24. per ton; in 1879 it rose to 24. 2s. per ton, and in 1880 it further advanced to 24. 10s. per ton, but in 1881 it decline to 14. 17s. 2d. per ton, which was the lowest point reached, for in 1822 the average was 24. 2s. 11d. per ton, and caring the last six months 24. 6s. 8d. per ton.

The balance-sheet shows that the property and assets of the company approximate in value to 70,000. in addition to which the reserves of mineral ground which have been discovered have been estimated to contain upwards of 33,000 tons of mineral. Particulars are given in the report of the machinery, railways, transways, arsenic-works, dressing-floors, &c.; and there is a statement showing the quantity of copper or and arsenic soid, and the total cost, including payment for steam-englues and machinery, together with an account of the various shafts and winzes which have been sunk, and tividends amounting to 1187. 7s. per share have been paid on this capital, or a total sum of 1,211,5046.

HINGSTON DOWN CONSOLS.

The report of the directors prepared for presentation at the meeting on Wednesday submits accounts showing loss on the six months' working of 1791. 9s. 4d. Although no great improvement has taken place in the mine during the six months, the ground passed through has been favourable for the production of copper ore, rich stones of which have been occasionally broken in all the levels. The shaft is being sunk by nine men as quickly as possible by nine men, and is now 5 fms. below the 40. In consequence of the small amount of uncalled capital remaining, several of the underground works have been suspended; those at presen; in operation are the 40 and the sinking of the engine-shaft. The expenditure has been 2234, 9s. 9d. less than the previous half-year, and the reduction will no doubt be greater during the current six months. Messrs. John Taylor and Sons have reduced their charge for management from 1504, to 504, per annum.

CORPORATION OF SOUTH AUSTRALIAN COPPER MINES.

CORPORATION OF SOUTH AUSTRALIAN COPPER MINES.

The report of the directors, prepared for presentation at the meeting on Monday next, embodies accounts showing loss on the 12 months' working of 95961, 11s. 3d., but a net balance of cash in hand of 5416l. 2s. 10d., and 142,637 shares to issue, and long and favourable report from the Colonial Committee, which concludes:—The committee have pleasure in reporting that in accordance with their request the South Australian Government carried a Bill through both Houses of Parliament last session, which has become law. The Act enables the committee to secure for the company new leases for the Billiansa and Yo fanan its at Mines on the same favourable terms as the other leases held by the company—for 99 years at a reduced rental, and a minimum of royalty of 6d in 1l. on the profits. This is highly satisfactory, and greatly enhances the value of these important mines.

A public enquiry having been made of the Government during the last session of the South Australian Parliament respecting the momentating and working of all the mineral sections held by the company, the Government have given notice to the committee that the several mineral sections held in abeyance by them must either be worked or given back to the Government. The committee, therefore, ask for additional capital to enable the most promising to be explored uning the present year, with every confidence that a satisfactory result will ensule.

The statement of account for the last six months forwarded herewith, shows

during the present year, with every confidence that a satisfactory result and ensule.

The statement of account for the last six months forwarded herewith, shows an expenditure during that period of 10,551£. 5s. 4d. against remittances from London of 300.£, ore sold in the colony realising 5378£. 1s. 1.1d., with assets of ore at surface at Binnman, Mount Rose, and Leigh's Greek Mines, amounting in the aggregate to 3327£. On examination these figures will show that Mount Rose is being worked at a profit, which may be expected to considerably increase as the mine is opened in depth.

The directors report that the Blinman Mine has continued to open out most satisfactorily wherever the levels have been extended, and that the committee are able to report that sufficient ore ground has been laid open to anable the output to be at the rate of 200 to 250

that the committee are able to report that sufficient ore ground has been laid open to enable the output to be at the rate of 200 to 250 tons per month, dressed up to 20 per cent. (independently of the 10,000 tons of halvans at surface, mentioned last year, which still remain to be reduced as soon as sufficient water can be obtained), and that the bottom levels of the mine—the 60 north and south—are coming into richer ore, some from the south level assaying 38% per cent., and the lode is estimated to yield 7 to 8 tons per fathom. The returns from this mine, however, during the past year have not been as anticipated, through unexpected delays in starting the dressing machinery, which did not get to work until July, and in consequence of the water used for dressing diminishing within the first two months of the working of the juggers.

water used for dressing diminishing within the first two menths of the working of the liggers.

With regard to the development of the Mount Rose Mine the shaft is now being sunk to follow this pipe of ore, with every prospect of its proving equally rich as that found above. The directors call attention to the presence of a large quality of mundle, which indicates mineral senseth. It appears 31795 6s. 10d. worth of ore has been raised, chieff during the last three months of the year, from Mount Rose, and there is every prospect of the mine becoming highly remunerative.

The Blinman and Mount Rose are the only mines now being worke i by the company. Several of the other mineral sections have been tested during the past year, but the indications have not werranted their further prosecution with the limited resources at present at command, and it is stated in the committee's report that the Government require all the mineral sections either to be worked or relinquished during the current year.

ANDERTON TIN MINE.—A lively demand has sprung up for these shares. From the agents' fortnightly report in another column to-day it would seem there is good ground for the upward movement. The shares are quoted 1½ to 1½.

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Botallack.—At the meeting on May 16 the accounts showed a loss on the quarter's working of 19701. From the last call 14321 had been received, and the adoption of the report and accounts was then put and the motion of Mr. Orlando Webb, seconded by Mr. Macmillan, Mr. Dings was re-appointed auditor.

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The motion dispersion of the disposal of the disp

ecount, and disposed of as the committee may determine. Twelve shares og to three adventurers were declared forfeited.

THE COST-BOOK SYSTEM, AND PROGRESS SHARES.

THE COST-BOOK SYSTEM, AND PROGRESS SHARES.

The discovery of the Dolcoath frauds has probably given a blow to the Cost-book System, from which it will not easily recover, and it a great question whether any remedy can be proposed, short of abolishing the Cost-book System altogether, which will not create a greater evil than that which it is sought to removed. At the Wheal Basset meeting, on Thursday, the Coairman—Mr. W. McKEASD—in introducing the resolution of which Mr. Waddington had given notice—that of the numbering of mine shares—said that in all commercial transactions they found black sheep. He did not think that there should be a panic—a running to extremes, and forgetting safeguards. They must have a free and easy way of transerring property. People wishing to goout must be relieved of all the difficulties they could be relieved of, whilst people desiring to buy shares must be protected also. He should like to see one unanimous mode of registering shares adopted.

The resolution suggested for meeting the difficulty was—"That the shares in Wheal Basset be numbered consecutively, and that a certificate of such shares containing numbers, inclusive of each shareholder's holding, be sent to the proprietors; that no transfer should be considered a valid tender for entry in the company's books unless accompanied by such certificate; that when a shareholder's holding is greater than the number to be transferred the owner may be a such as the should be a such shareholder's holding. Shareholder's holding is greater than the number to be transferred the owner may be a such as the share that the property of the control on informing the puriet." In emotion, and may be a such as the may wish to have trader to the purier for certification of such numbers as he may wish to have trader to the purier for certification of such numbers as he may wish to have trader to the purier for certification of such numbers as he may wish to have trader to the purier for certificate of his holding. Shareholders can have certificate hi

old rule. He was sure they could find responsible pursers and managers, and that beling so he believed that the late practice of adding of numbers would sink into insignificance.

Mr. Waddington said there would be, in the numbering of shares, no difficulty in effecting transfers. In the numbering system no fraud could be perpetrated unless there was a conspiracy. The man desiring that must communicate with the purser, or make false representations, that would be very difficult.

Mr. Lanyon concurred with the remarks of the mover. There were other mines in which the question would be discussed, and he urged that no action be now taken by Wheai Basset. They should have one uniform principle, and he believed that these suggestions would be the result.

But the great importance of the question raised by the resolution is whether the Dolcoath committee are not as culpable as the prisoner, on the ground that they have assisted him in his malpractices. This was Cautain James's view, for the Bolcoath committee are not as culpable as the prisoner, on the ground that they have assisted him in his malpractices. This was Cautain James's view, for he said that it seemed to him that Mr. Waddington desired to relieve himself of a position of his duty as a member of the committee. For a committee to sign 200 more cheques than the mine was in, and for a purser not to have looked into the books for three years, displayed a degree of negligence and culpability for a purser went for nothing. When they had a system presented which would prevent fraud, they rejected it.—Qaptain James sait the question resolved itself into this—that if the books were out inspected the frauds would not discovered; if the books were not inspected the frauds would not of transfer will continue legal, and that is really about the result of the deliberations of other mining companies, with the view of some course of action being adopted which shall apply to the whole of the Cost-book mines." An important point to be considered in connection with the matt

NEW APPLICATION FOR TIN-IMPROVED MOTIVE POWER.

A curious method of obtaining motive power by placing within a close vessel or generator an acid and a metal capable of being acted upon by it—hydrochloric acid and tin, for example—is proposed by Mr. J. A. Stephan, of Worcester. The gas and vapour generated in the generator is led off by a pipe, and is conducted into a second vessel—the condenser. The condenser is partially filled with the same acid solution as that which is placed in the generator—the end of the pipe which conveys the gas and vapour into the generator is made to dip somewhat into the liquid. The hydrogen gas collecting in the upper part of the condenser is led off from it by a pipe and a portion of the gas so led off is burnt and utilised for heating the generator.

The chemical action going on in the generator is thereby creatly

ing in the apper part of the condenser is red off from it by a pipe and a portion of the gas so led off is burnt and utilised for heating the generator.

The chemical action going on in the generator is thereby greatly accelerated. The acid vapours which are liquified and collected in the condenser are conducted back into the generator either by a simple overflow pipe if the generator is not being worked under high pressure, or if being worked under pressure it is returned to it by a pump or injector—in this way the level of liquid in the generator and condenser is always maintained uniform. At one side of the condenser is a cistern or trough open at the top—the condenser communicates with this cistern through openings in the side of the condenser near the bottom. The cistern is thus always filled with liquid from the condenser. As by the condensation of vapour from the generator the liquid in the condenser gets more and more charged with tin—the tin can from time to time or continuously be extracted therefrom by immersing plates of zinc in the cistern or trough above mentioned—the tin is then deposited in a metallic state upon the zinc, whilst the acid is liberated and goes back to the generator—the metallic tin collected upon the plates of zinc can in like manner be from time to time collected from them and returned to the generator to be again used for generating gas therein.

Various ways may be adopted for obtaining power by the generation of gas in the manner above described. One way is to employ so much of the hydrogen gas as is not burnt and utilised for heating the generator as a combustible gas for obtaining power in an explosive gas engine. Or the generator might be worked under pressure, and the gases and vapour proceeding therefrom be utilised for working an ordirary motive power engine before the gases are passed into the condenser. Preferably he causes the hydrogen after it has passed from the condenser to be exploded together with atmospheric air in a chamber, the lower end of which is open to a

passage or chamber filled with water—this same passage or chamber has also communicating with it the lower end of a cylinder—in this cylinder is a piston which rests upon the surface of the water. When gas is exploded in the first mentioned chamber water is forced from the water passage up into the cylinder and raises the piston therein. From the piston-rod of the piston motion is communicated by a connecting rod and crank to a shaft, and so gives to this shaft a revolving motion. volving motion.

By a similar arrangement of apparatus motive power can, Mr. Stephan says, be obtained from the gases and vapours issuing from gases and vapours being in this case alternately introduced into an expansible vessel immersed in the water passage (or a chamber in connection with it) and allowed to escape therefrom to the co denser. The same arrangements of apparatus are a so applicable for obtaining motive power from any gas or vapour under pressure, or from the explosion of gases or vapours.

BILBOA IRON ORE .- It has been officially announced that the name of the Bilbao Iron Ore Company (Limited) has been clanged to the Bilbao River and Cantabrian Railway Company (Limit.d).

M ETALLURGICAL DEPARTMENT, KING'S COLLEGE,

Under the direction of Prov. A. K. HUNTINGTON.

In the Laboratory, Extraction and Manufacturing Processes are investigated, Assays and Analyses made, and Metals and Alloys are examined, with the aid of powerful Testing Machinery, as well as Chemically.

A FEW FREE ENTRIES to the DIVISION of STUDIES (day or evening) are obtainable through the CITY AND GUILDS' INSTITUTE.

INDIAN AND AUSTRALIAN GOLD, TIN, COPPER,
ANTIMONY, and other MINES REPORTED ON for Private Shareholder
or Public Companies by—

or Public Companies by—
WILLIAM NICHOLAS, F.G.S., Lecturer on Mining, University, Melbourn
Consulting Mining Engineer, Exchange, Melbourne, Victoria, Australia.

THE AMERICAN IRON TRADE.

The annual report of the Secretary of the American Iron and Steel ssociation, just presented to the members, contains as usual an enormous amount of information, and evidences the continued energy of Mr. James M. Swank, the secretary. Reviewing the domestic American iron trade in 1882 and during the first quarter of the current year, he remarks that the causes which contributed to the serious but in no sense disastrous reaction in the iron and steel industries in 1882 were many and various. First, it could not be expected that the extraordinary activity of all the industries of the country in the immediately preceding years would be continued indefinitely. Business currents have their ebbs and flows, and in 1882 these currents tended seaward. They had particularly reached the limit of speculative ventures upon which legitimate business largely depends. The iron and steel manufacturers could not resist these influences. Their best customers, the builders of new railroads, did not, it is true, build fewer miles of railroad in 1882 than in 1881, but it had become certain that much less money could be obtained for new railroads in 1883 than in 1882, and the consequent shrinkage in railroad mileage in the new year had therefore to be preceded by a largely decreased demand for railroad materials and by lower prices. Then, again, in the prosperous years referred to they had increased their capacity for the production of most forms of iron and steel much faster than the consumptive wants of the country had increased. They made this discovery in 1882, particularly in regard to steel rails. the serious but in no sense disastrous reaction in the iron and steel

had increased. They made this discovery in 1882, particularly in regard to steel rails.

The total production of pig-iron in the United States in 1882 was 4,623,323 tons. In 1881 the production was 4,144,254 tons. The increase in 1882 over 1881 was 479,069 tons, which is over 11 per cent. The production in 1882 was the largest in the trade's history. The production of pig-iron in the last four years, which includes the "boom" year 1879, was 2,741,853 tons, 3,835,191 tons, 4,144,254 tons, and 4,623,323 tons. In these four years they increased their production of pig-iron 1,881,470 tons, or 68 per cent. This increase has been obtained mainly through improved furnace management, and only slightly through an increase in the number of furnaces in blast. Only 29 more furnaces were in blast in 1882 than in 1879, of which 26 were charcoal furnaces, the capacity of which is well known blast. Only 29 more furnaces were in blast in 1882 than in 1879, of which 26 were charcoal furnaces, the capacity of which is well known to average very much less than that of either anthracite or bituminous furnaces. This exhibit is most creditable to the skill in furnace management displayed since 1879 by the blast-furnace managers, and to the appreciation of scientific methods by the owners of a large proportion of our furnaces. The production of pig-iron in 1882 was obtained in 26 States and one Territory (Utah).

A company of American capitalists has recently acquired possession of extensive deposits of iron ore of great richness and purity in the province of Santiago, in the south-eastern part of Cuba, within 4 miles of the coast, and 15 miles distant from the port of Santiago, where there is a good harbour. The company is the Juragua Iron Company, and its chairman is Dr. G. B. Linderman, of the Bethlehem Iron Company. Its acquisitions embrace several low mountains

hem Iron Company. Its acquisitions embrace several low mountains of slightly polarised hematite iron ore, which will average about 66 per cent. of metallic iron and about 025 of phosphorus. The ore is

hem Iron Company. Its acquisitions embrace several low mountains of slightly polarised hematite iron ore, which will average about 66 per cent. of metallic iron and abous 025 of phosphorus. The ore is exposed in every direction, and can be mined, or rather moved, at slight cost. A railroad will be built from the mountains to the nearest point on the coast, or possibly to Santiago, and docks for the accommodation of vessels will also be constructed. The development of this important enterprise has already been actively commenced, but shipments of ore will probably not take place during the present year. The company will invest about 200,0094. It is noticeable, Mr. Swank remarks, that they are making no satisfactory progress in the manufacture of this essential raw material of their great steel industry. The product of 1882 was made by the New Jersey Zinc and Iron Company, the Cambria Iron Company. Carnegie Brothers and Co. (Limited), the Brier Hill Iron and Coal Company, and the Lehigh Zinc and Iron Company.

For the first time since 1877 the production of rails declined in 1882, in which year the total production was—iron rails, 200,500 tons; Bessemer rails, 1,265,560 tons; open-hearth steel rails, 20,030 tons = 1,486,090 tons. It seems that in 1882 they produced less than half as many tons of iron rails as in 1881, and that the production of open-hearth steel rails in 1882 was somewhat less than in 1881. The production of Bessemer steel rails increased in 1882 less than 100,000 tons over 1881, and the production of rails of all kinds in 1882 was 136,670 tons less than in 1881—a decrease of 8 per cent. There was a decrease in every State but five—Vermont, Massachusetts, Missouri, Colorado, and California, and in Wyoming Territory. No rails were made in 1882 in New Jersey, Virginia, and Georgia, in all of which States rails had been made in 1881. The figures of approximate consumption for 1882 are lower than similar figures for 1881, although the mileage of new railroad constructed in 1882 was larger than in 188 nearth steel ingots in the United States in 1882 was about 141,280 tons—a much less proportionate increase than had taken place in any year since they first began to make open-hearth steel. The product of 1882 was made in eight States—New Hampshire, Vermont, Massachusetts, New Jersey, Pennsylvania, Ohio, Tennessee, and

The production of all kinds of rolled iron in the United States in 1882, including iron rails, was about 2,200,000 tons, showing a decrease of about 133,000 tons, all of which decrease is, however, accounted for by the great shrinkage in the production of iron rails in 1882. Omitting iron rails there was an increase of about 108,444 tons. This was not a large increase; but if we consider the long strike of 1882 in the Pittsburgh and Western rolling-mills the wonder is that there was any increase at all. At the same time it must frankly be admitted that our rolling-mill capacity has for some time been in advance of the consumptive wants of the country, and that the check to the over-production of rolled iron which was afforded by the strike of 1882 was in no sense a calamity to the manufacturers. The value of the imports of iron and steel in 1882 was most of the imports of iron and steel in 1882, \$19,023,759; imports of iron ore in 1882, 599,655 tons; production of Lake Superior iron ore in 1882, 29,43,314 tons; production of iron ore in New Jersey in 1882, 900,000 tons; production of anthracite coal in 1882, 29,120,096 tons; total production of call in 1882, \$8,662,614 tons: 11.343 miles tons; total production of coal in 1882, 86,862,614 tons; 11,343 miles of railway were completed in 1882; total number of miles of railway, Dec. 31, 1882, was 114,372. The tables giving the details in justification of the totals are very elaborate, and prepared with much care.

TO ENGINEERS, IRONFOUNDERS, CAPITALISTS, AND OTHERS. FOR SALE, CHARLESTOWN IRONWORKS, ST. AUSTELL, CORNWALL.

THE TRUSTEES of the Estate of the late JAMES THOMAS (deceased) invite TENDERS for the PURCHASE, as a going concern, of all that important and very valuable IRON and BRASS FOUNDRY, together with the appurtenances thereto, and the GOODWILL of the BUSINESS, established about fifty years since, and which has long enjoyed a widely-extended connection.

blished about fifty years since, and which has long enjoyed a wholy connection.

The WORKS comprise Foundry, Hammer Mills, Fitting, Plating, Smiths', Moulding, Patternmakers', and other Shops, Machinery, large Water-wheel, &c.

The Machinery and Appliances are in good condition, and comprise a 25 inch cylinder vertical Steam Engine, with a 10 ton Bolier and all necessary gear for driving extensive machinery in the Fitting Shop, and also a Blast Fan.

A superior Water Wheel, 30 feet diameter and 3 feet breast, for driving the same machinery driven by the steam engine.

In FITTING SHOPS.—Lathes, with large, heavy, self-acting, combined planing and drilling Machine; Shaping Machine, Drilling Machine, self-acting Planing Machine, Strawing Machine, cylinder Boring Machine, a powerful Grane, and cylinder Steam Engline.

sylinder Steam Engine.
In PLATING 8HOP.—Two Tilt Hammers, driven by a 12 inch cylinder hori—
sontal Steam Engine and 9 ton Bolier, and every other requisite.
In SMITHS' SHOP AND HAMMER MILL.—A pair of Tilt Hammers and
shears, driven by an iron water wheel; Cranes, Forges, Blacking Mill, Boring

Shears, driven by an iron water wheel; Cranes, Forges, Blacking Mill, Boring Machine, &c.

In MOULDING SHOP AND DRYING HOUSE.—Two powerful Cranes, three Cupolas, Stove, Crane, Chills, Loom Plates, Moulders' from Boxes, &c.

There is also an excellent and commodious Dwelling House, comprising sitting room, two bed rooms and kitchen, also offices for manager, clerks, and engineer. There is also a coke house, coal depok, stables, coach house, barn, lotts, sheds, &c., and one valuable horse used in the business.

The property further comprises 3½ acres of rich meadow land, adjoining the works. The above premises are held for the remainder of a term of 99 years, determinable on the death of the survivor of three lives, aged respectively about &5, 58, and 17, subject to an annual rent of £25.

The works are in the midst of the \$L. Austell Clay and Mining District, within a mile of \$L. Austell and half a mile of Charlestown Harbour, where vessels of 400 or \$500 tons burden can be loaded and discharged.

They are within 200 yards of the line of the Cornwall Railway, and afford facilities for a siding.

The said Works can be inspected on any working day between the hours of

The saiding.

The said Works can be inspected on any working day between the hours of line A.M. and Four P.M.

Full particulars may be obtained from MICHAEL LOAM, Esq., Parade House, iskeard, to whom Tenders are to be forwarded not later than May 31st, 1883.

The vendors do not bind themselves to accept any Tender.

ROBERTS AND DICKSON, Chester, (Solicitors to the Trustees.

TO CAPITALISTS AND OTHERS.

A SPLENDID SETT, contiguous to the celebrated GREAT HOLWAY and WEST HOLWAY MINES, TO BE DIS-POSED OF

Full particulars can be had upon application to "E. M. E.," Holywell, Flintshire.

O N SALE, - FOUR LANCASHIRE BOILERS, 30 feet by 7 feet. Shells double rivetted, and Bowling expansion rings in flues.

THREE ditto, 30 feet by 7 feet, with plain flues.

THREE ditto, 30 feet by 7 feet 3 inches, with six Galloway tubes

THREE ditto, 26 feet by 7 feet, with four Galloway tubes in each

EDWARD RATCLIFFE, HAWARDEN, NEAR CHESTER.

O'S ALE, — THREE LANCASHIRE BOILERS, 32 feet by 6 feet 9 inches; now working at 70 lbs under Insurance, near Manchester. Cheap if taken at once.

EDWARD RATCLIFFE, HAWARDEN, NEAR CHESTER.

TEAM BOILERS FOR SALE, SECONDHAND, with and without Galloway Tubes, single and double rivetted, working pressure of 60 lbs., 55 lbs., 70 lbs., and 80 lbs. steam pressure VERY CHEAP.

FIVE BOILERS, 30 feet by 7 feet 6 inches diameter, excellent order.

SIX BOILERS, 30 feet by 7 feet Galloway Tubes,

"OUR BOILERS, 28 feet by 7 feet
""

THREE BOILERS, 28 feet by 7 feet
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FOUR BOILERS, 28 feet by 7 feet
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HOUR BOILERS, 20 feet by 7 feet
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HOUR BOILERS, 20 feet by 7 feet Galloway Tubes,
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WATSON BROTHERS' MINING CIRCULAR.

WATSON BROTHERS,

M NEOWNERS STOCK AND SHARE DEALERS &con, ST MICHAEL'S ALLEY, CORNHILL, LONDON.

Nearly twenty years ago the weekly information which had previously been published for a great number of years in Watson Brothers' Mining Circular was transferred to the columns of the Mining Journal, with the following announcement.

In the year 1843, when mining was almost unknown to the general public attention was first called to its advantages, when properly conducted, in the "Oompendium of British Mining," commenced in 1837, and published in 1843, by Mr. WATSON, P.G.S. author of "Gleanings among Mines and Miners," Records of Ancient Mining," Cornish Notes" (first series, 1862), "Cornish Notes" (second series, 1853), "The Progress of Mining," with Statistics of the Mining Interest, published an null yin the Mining Journal for 21 years, &c., &c. In the Compendium, published in 1843, Mr. WATSON was the first to recommend the system of a "division of small risks in several mines, ensuring the success in the aggregate," and Messrs. WATSON BROTHERS have always a selected list on hand. Perhaps at no former period in the annals of mining has there been more peculiar need of honest and experienced advice in regard to mines and shared experience of Messrs. WATSON BROTHERS they are emboldened to offer, thus publicly, their best services and advice to all connected with mines and mining.

Messrs. WATSON BROTHERS are daily asked their opinion of particular mines, as well as to recommend mines to invest or speculate in, and they give their advice and recommend mines to invest or speculate in, and they give their advice and recommend mines to the best of their judgment and ability, founded on the best practical advice they can obtain from the mining districts, but they will not be held responsible, nor subject to blame, if results do not always equal the expectations they may have held out in a property so fluctuating as mining.

The great extension of mining business, the difficulty so often complained, of

an ways equal the expectations they may invested a state in projectly so indicating as mining.

The great extension of mining business, the difficulty so often complained of by country shareholders in getting accurate and disinterested information as to the state of Cornish and Foreign Mines, and of the financial and real position of mining companies generally, have induced Messrs. WATON BROTHERS to make their Circular now published in the Mining Journal more extensively known, and

their Circular now published in the Mining Journal more extensively known, and to state—
That they issue daily to clients and others who apply for it a Price List (as supplied to most of the London and country papers), giving the closing prices of mining Shares up to Four o'clock.

They also buy and sell shares for immediate cash, for the usual fortnightly settlement in all Mines dealt in on the Mining and Stock Exchanges, at the close market prices of the day, free of all charge for commission. They deal also, on the same terms, in the Public Funds, Railways, Telegraphs, and all other Securities dealt in on the Stock Exchange.

Having agents in all the mining districts, they are constantly getting mines inspected for their own guidance, and will also obtain special reports of any particular mine for their clients, for the inspecting agent's fee of £2 2s.

Messrs. WATSON BROTHERS take this opportunity of stating that on July 1 they took into partnership Mr. H. J. DEAN, who has been for a number of year associated with the firm, and Mr. W. H. H. WATSON, who has had some yearn experience of practical miling and engineering in Cornwall, and is the son of the senior partner. The firm will still be called that of "Watson Brothers."

The number of weekly communications received from almost every part of the world in regard to remarks in this Circular indicate so plainly how much they are read (and, we trust, appreciated) that they will be continued by the ame writer.

Indeed, while new blood is introduced to attend to the more laborious and mechanical details of the business, the old will have more time to devote to their different departments.

An "oitava" is the eighth part of an ounce.

The reason so many limited mine companies fail, and so many Costbook mines are made to pay, lies in the difficulty in getting fresh capital when required for the former. A holder takes a certain number of shares, limited and fully paid up; and when fresh capital is required, as it often is, hugs himself upon his non-liability, and refuses to advance another penny—thus, for want of a few pounds to prove certain points that might result in a rich mine, limited companies are often wand to be reversed. prove certain points that might result in a rich mine, limited companies are often wound-up at the very time they ought to be prosecuted with vigour. There are several at the present time in this predicament. In a Cost-book mine calls are made as required, and to any extent necessary to carry on the works. A shareholder, however, can at any time relinquish his shares, and relieve himself of all responsibility in a Cost-book mine, here is his safety-valve. Thus, "A" has 100 shares in (say) "Wheal Cost-book;" a meeting is held on the 15th of a month, and the accounts show a debt to that time of 1000l. "A's" liability is 10l., and he can on that day (or any other day) write to the purser and say that from that date he relinquishes and gives up all his right and interest in the mine, and by payment of his proportion of debts to the end of the month in which he relinquishes he is relieved of all further liability; but for the Cost-book such mines as Crebor, East Caradon, and others would never have linquishes he is relieved of all further liability; but for the Cost-book such mines as Crebor, East Caradon, and others would never have proved the successes they were. In both mines the calls were so regular and persistent that shareholders got tired, some relinquished, and others sold as low as 1s. 6d. each. A few months after Crebors were at 1s. 6d. it is well known a discovery was made in the mine, and shares rose from 1s. 6d. to 13L in a few months. It was the same in East Caradon. We sold 50 of these shares (to the Chairman of the South Caradon Mine) many years ago at 1s. 6d. each, and afterwards offered him 50L per share for them. Had the companies been "limited" they would probably have been wound-up before such results had been attained. So whatever its enemies may say, there is something to be said for the "Cost-book." Mines under the Cost-book System that we recommend are under the management of London committees, and meetings to audit accounts are held of London committees, and meetings to audit accounts are held

monthly.

The plan of the Caradon districts will not be ready until next week. The pian of the Caradon districts will not be ready until next week. In our remarks last week we stated that The New Caradon had 1000l. in hand; it should have been 1600l. The agent of The New Caradon writes this week that, in addition to No. 4 lode, which looks so well, and which we regard as Kittow's lode of South Caradon, there are four or five other lodes, and the set is bounded on the east by the south part of South Caradon, and the north part of New South Caradon, and as the above lodes referred to as intersected in our cross-cut are the same as those running through the Engadown procross-cut are the same as those running through the Foredown property, he considers the shareholders have a valuable mineral property, presenting indications of permanent success.

At the 102 west at Prince of Wales the lode has been intersected, producing very rich tin, worth 20% per fathom, equally as good east as west of the cross-course, and the agent looks upon it as the approach of a rich tin lode, and a valuable discovery.

At Carnarvon the new discovery continues to look well.

At Langford the lode in the shaft is 5 ft. wide, producing very

rich copper ore.

At the Cornish Ticketing the West Caradon ore, 128 tons, realised 742l., or 5l. 15s. 10d. per ton on the average: the highest price made of any ore at the sale. South Caradon sold at the rate of 5l. 4s. 9d. per ton; Devon Consols, 11. 16s. 7d.

On looking over the list of Langford shareholders at the meeting we found there were five holders having 1000 shares each, and one over 3000. All these have been held from the commencement. There are six holders of 500 and upwards, and 10 of 200. As the holders of 1000 characteristics. holders of 1000 shares ourselves we shall with others take up our proportion of the unissued shares at par, half down, and half in three months. A discovery such as we may reasonably expect may send the shares to 2l. or 3l. each.

A telegram was received from Langford on Friday (day after the meeting) to say there was a "good improvement in the eastern end (the 50), where the ore is now 10 in. wide.

J. S. MERRY, ASSAYER AND ANALYTICAL CHEMIST. SWANSEA SUPPLIES ASSAY OFFICE REQUIREMENTS AND RE-AGENTS. blic the 843, rs," sish the &c. om-the rted nere nes nce

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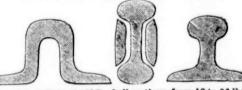
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Shares.	Prid. Last wk. Clos. pr. Total divs. Per sk. Last pd.
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1	45000 D'Eresby Mountain, <i>l</i> , <i>bl</i> , Lianrwst, 12000 Derwent, <i>l</i> , Durham	0 15	0 36 36 36	
1	12000 East Blue Hills, t, St. Agnes	0 5	0 89 69 9	
1	6000 East Botaliack, t, St. Just	0 16	0 156136 156	
1	10000 Drakewalls,* t, c Calstock 12000 East Blue Hills, t, St. Agnes 1000 East Butallack, t, St. Just 1014 East Caradon, c, St. Cleer 10000 East Chiverton, t, Perranzabuloe 10000 East Devon Ons.,* c, Buckfaatigh 10000 East Born Cons.,* c, Buckfaatigh 10000 East Long Rake,* t, Vales 10000 East Roman Gravels,* t, Salop 10000 East Tregembe, t, c, Marasion 10000 East Wheal Lovell, t, Helston 100000 East Wheal Lovell, t, Helston 1000000 East Wheal Lovell, t, Helston 100000000000000000000000000000000000	4 19	U 1 64 1	
1	30000 E. Craven Moor. 4. Pateley Bridge	1 0	3 134 134 134 0 36 36 36	
1	15000 East Devon Cons., * c. Buckfastigh.	2 0	0 21 21 21	
1	30000 East Herodsfoot, s-l, Liskeard	1 0	0 1 1 1	
1	20000 East Long Rake, * l, Wales	1 0	U 156 1 112 1	
1	25500 East Roman Gravels, * I, Salop	1 0	0 150 125 150	
1	18000 East Van, I, Liandloes*	5 0	0 150 125 150	
1	2048 East Whea! Lovell, t. Helston 1	6 8	6 1 34 1	1
1	100000 East Wheal Rose, * s-l, Newlyn East	1 0	6 1 ¾ 1 0 1 ¾ 1¼	
1	12000 Gawton, c, Tavistock 1000 Glasg. Car., (30003b). El pd., 10000 30000 Gobbett, t, Devon 10000 Goddards, l, b, Carnarvon 32000 Goginan, l, Cardiganshire 25006 Goodevere, t, St. Cleer 300 Gorseid and Merllyn Con., l, Flint 20000 Great Dylife (10000 sh. lsaued)	2 0		
Л	10000 Glasg, Car. c* (30000sb, £1 pd., 10000	15s. p	0 6s 1/4 3/6 d.] 11/4 1/4 3/6	
	30000 Gobbett,* t, Devon	1 0	0 1 74 1	
1	10000 Goddards, 1, b, Carnarvon	1 0	0 114 74 114	
١	32000 Goginan, I, Cardigaushire	1 0	0 1 34 1	
1	3500 Gorseid and Merllyn Con. J. Flint.	2 10	0 174 1 114	
1	20000 Great Dyliffe* (10000 sh. issued)	1 0	0	
1	6000 Great West Chiverton, I, St. Agnes.	0 5	0 36 36 36	
1	6000 Great Wheal Worthy, * t, Cornwall	1 0	U 34 36 34 1	
1	20000 Great Dyliffe" (10000 sh. issued) 6000 Great West Chiverton, f, St. Agnes. 6000 Great Wheal Worthy, * t, Cornwall. 10000 Gwern-y-X-gnydd, * s-t, Flint(pref.) 73000 Gwydyr Amal. * t, bt, Carnarvon	1 0	0 11/4 1/4 1	
1	12000 Herodsfoot, I, near Liskeardt	1 0		
ı	18000 Hingston Down, c, Calstock*†	0 13	0 36 . 36 14	
1	20000 Kirkmichael, 2 (2000 unissued)	1 0	0	
1	25000 Kit Hill Gt. Cons. *c, ars-m, (21. sh.)	0 17	0 98 98 98 1	
1	15000 Lady Ann, * s-l, Llanarmon	1 0	0	
1	25000 Langford, *s, c, Callington	0 10	0 36 36 16	
1	5120 Lovell, t. Wendron	0 16	0 34 14 36	
1	5000 Marke Valley, c, Linkinhorne!	7 7	U 1 % 1	
1	6000 Medlyn Moor, t, Wendron	3 15	10	
1	4000 Mona, c, Anglesea	5 0		
1	20000 Mona Consols, * c, Anglesea	1 0	7 136 146 136 1	
1	20000 Mostvu Consols, * s-1, Flint	2 0	0 214 2 214	
1	12000 Morfa Du. z. q. s. Anglesea*	i o	0 414 4 414	
1	80000 Mounts Bay, * c, t, Breage	1 0	0 14 34 54	
1	6144 Mount Carbis, t, c, Redruth	1 10		
1	12000 New Caradon, c, St. Cleer	0 5	0 54 4% 5%	
	2400 New Cook's Kitchen, t, Hlogan	9 10		
1	00000 New Great Wheal Vor. t. Breage	0 10	0 =	
1	10000 New Holmbush, * t, c, Callington	3 0	U	
1	6000 New Kitty, t, St. Agnes	0 18	0 214 134 234	
1	15000 New Redmoor, "var, Callington	1 5		
1	17500 New Terras, t, St. Austell	2 0	0 2 216	
1	12000 New Trumpet, * t. Wendron	1 0	0 134 1 134	
1	8 000 New Van Cons. & Glyn,	1 0	V 29 28 29 1	
1	12000 New West Caradon, c, Liskeard	0 4	6 36 36 36	
1	3000 New Wheal Peevor, t, Redruth	0 10	0	
1	35000 New Wye Valley, I, Montgomery."	0 2	U A 20 A	
1	5328 North Busy, t, c. Scorrier !	1 14	6 3s 2s. 3s. 8 34 14 34	
1	10000 N. D'Eresby Mount., " 1, b1, Carnary.	1 0	0	
1	25000 North Goginan, i, Cardiganshire	1 0	V 1 72 1	
1	10000 Gwern-y-X_ynydd, "s-t, Chint(pref.) 7,0000 Gwydyr Amal." t, t, Carnarvon 12000 Herodstot, t, near Liskeardt 18000 Hingston Down, c, Calatock" t 18000 Kit Hill Gt. Cons. "c, ars-m, (2t. sh.) 15000 Langford, "s, c, Callington 15000 Langford, "s, c, Callington 15000 Landdegin, "t, Wales 1500 Landford, "s, c, Callington 15000 Landdegin, "t, Wales 1500 Landford, "s, c, Callington 15000 Marke Valley, c, Linkinhorne] 15000 Marke Valley, c, Linkinhorne] 15000 Mona, "c, anglesea 15000 Mona Consols, "c, Anglesea 15000 Monkatown, "man, Devon 15000 Monkatown, "man, Devon 15000 Monkatown, "man, Devon 15000 Monkatown, "man, Devon 15000 Monkatown, "s, c, Reiruth 15000 Monut Say, "c, t, Breage 1614 Mount Carbis, t, c, Reiruth 15000 New Cardin, c, 8t. Cleer 15000 New Cardin, c, 8t. Cleer 15000 New Wolcoath, t, c, Camborne" 15000 New Holmbush, t, c, Callington 15000 New Reithor, t, t, St. Austeil 15000 New Trunpet, t, Wendron 15000 New Trunpet, t, Wendron 15000 New Trunpet, t, Wendron 15000 New Wield Peevor, t, Redruth 15000 New Hund Peevor, t, Redruth 15000 New Wield Peevor, t, Redruth 15000 New Hund Peevor,	0 2	6 36 1/8 3/6	
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NON-DIVIDEND MINES-	-oon	tinu	ed.
Nages, 25000 North Grogwinion, *s-l, Cardigshr 12000 North Herodefoot, l, Liskeard 5000 North Molton, *c, mn, *s, Devon 6000 North Penstruthal, t, c, Gwennap 2338 North Treskerby, c, St. Agnes 8000 Northern, 'l, Durham 40000 Okel Tor, *t, c, a, Calstock 40000 Old Shepheris s-l, Cornwall 60000 Owen Yean & Tregur *t, c, Mazazion	hid.	La	st tok. Clas pr.
12000 North Herodsfoot, I, Liskeard	0 13	6	32 *** 34 34
6000 North Molton, c, mn, s, Devon	1 0	0	78 ··· 14 14
2936 North Preskerby, c. St. Agues	2 15		
8000 Northern, 1, Durham	8 17	10	
40000 Okel Tor, t, c, a, Calstock	1 0		
60000 Owen Vean & Tregur.,* t,c, Marazion	1 0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
12000 Pandora, 1, Carnarvon	2 0	0	1414 14
15000 Parvs Corporation, c, Anglesea	2 0 1 0		68 48. 61
6000 Pedu-an-drea, t, Redruth	1 0		- 10, 61
12000 Pelyn Wood, c, Lanivery	3 15	0	136 15/ 15
50000 Owen Venn & Tregur., *t,c, Marazion 12000 Pandora, *t, Oarnarvon 5000 Partiel Bridge, t, Vortainre 6000 Pedin-an-drea, t, Reiruth 12000 Pannan, t, br., North Walnes* 20000 Pengarreg, t, Carmartheushire 12000 Penran Consols, *s-t 12000 Perran Omsols, *s-t 12000 Perran Wheal Alfred, c 2000 Polorebo, t, Cruwan	0	See.	5 4
12000 Penegarreg, t, Carmarthenshire	1 0	U	
15000 Perran Consols, *s-l		0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
12000 Perran Wheal Alfred, c. 2000 Polorebo, t. Cruwan 10000 Polorebo, t. Cruwan 10000 Port Nigel Syn., **. J. Carnar. (40001s.) 14000 Pr. Patrick, **. *. J. Carnar. (40001s.) 14000 Pr. Patrick, **. *. J. (als. 12000) f. 10 p. o.) 12000 Prince Gwal, t. c., **. J. St. Agnes 12000 Prince of Wales, c., **. J. Statock 13000 Silver Hill, ** Callington 13000 Silver Hill, ** Callington 13000 Silver Hill, ** Callington 14000 Sortridge, **. Lurrabridge 15000 South Oarbis, t. c., Redruth 14200 So. Devon Unit., **c., Buckfasteleigh 15000 South Delcoath, c. t. Higgan	1 10	U	34 1 11
10000 Polcreso, t, Crawan	10		2
10000 Port Nigel Syn, * s-1, Carnar. (4000 is.)	1 5	0	1 16 16 16
13000 Pr. Patrick, s-1, (als.12000 pf.10 p.c)	0		- ·· * i
6000 Prince Royal, t, c, s-l, St. Agnes	0		
36000 Russell United, * c, Tavistock	1 2		1/ 01
30000 Silver Hill, * Callington	C	0	A 18 16
50000 Sinclair, * i, bl, Whitford	0		136
6000 South Carbis, t, c, Redruth	0 10	U	1%1% 1% 1%1% 1% 1%1% 1%
42000 So. Devon Unit., * c, Buckfastleigh.	0	0	1%1% 1%
5000 South Dolcoath, c, t, Illogan	19	V	1 1
6000 South Pelistructural, t, c, Gwennap	19		2 1 1
2043 South Wheal Crofty, c, Illogan 3	19	6	***
42000 So. Devon Unit., *c, Buckfastleigh. 5000 South Delcoath, c, t, Illogan 6000 South Fenstruthal, t, c, Gwennap 6000 South Folcarne, t, c, Gamborne 2043 South Wheal Crofty, c, Illogan 6016 3-uth Wheal Frances, t, Illogant 40000 Tamar, s-t, Bearaiston* 110000 Fankerville Gt. Consols, t, Salop* 12000 Trebartha Lennarne, t, Northill 6000 Tregenbo, t, c, Oornwall	14		814 136 8
10000 Tamar, s-l, Bearaiston*	0	0	1 % 1 % 1 % 2 % 1 % 1 %
12000 Trebartna Lemarne, t, Northill	1	6	% % Y
50000 Tregembo, t, c, Cornwall	10		414
12000 Trebarena Leinarne, t, Northill 5000 Tregenibo, t, c, Oornwall 50000 Tregenibo, t, c, diweniap, 60000 Treavanen, t, c, diweniap, 60000 Trevarren United, t, Cornwall 8000 Trevarrenance, t, stc. Agnes 1000 Vaughan, t, Cardiganshire. 1 8000 Victor, t, Olicen, Filintshire 2000 Violet Seton, c, Camborne 1 15000 Vincent, t, Altarnun 12000 West, Assistant, L, Cararron	1 0	U	
60000 Trevarren United, t, Cornwall	C	0	
8000 Trevaunance, t, St, Agnes	3		3 2%
1000 Vaughan, 4, Cardiganshire	0 14		***
2000 Violet Seton, c, Camborne 1	0	0	0 ""
15000 Vincent,* t, Altarnun	0		5 1
12000 West Caradon c, St. Cleer	0 7	0	
3000 W. Craven Moor, I, Pateley Brdge" 1	7	9	1 % 1
12000 West Crebor, c, Tavistock	0 10	0	16 16 14
10240 West Devon Consols, c, Calstock	2	U	16 16 14 16 16 14
20000 West Lisburne, * 4, Cardigan	0	6	
3000 West Mary Ann, 1, Mentieniot	13	0	14 16 H
2000 W. Pateley Bridge, I, Yorkshire 12000 West Phœnix, I, Linkinhorne	0	13	
6000 West Polbreen, t, c, St. Agnes	5	6	141
seen West Daldies Of Dans	14	U	14 1 13
519 West Fonder, 5t. Day; 512 West Fonder, c, Red-uth; 2048 West Wheal Frances, t, Illogan; 3000 West Wheal Fewor, t, Redruth; 2400 West Wheal Seton, c, Chanborner; 16000 Wheal Agar, c, Illogan;	0	U	** ** 10 12
2048 West Wheal Frances, t, Illogan 1 35	18	6	5 4 5
2400 West Wheal Seton, c, Cambornet 1	0	0	17 15 17
6000 Wheal Agar, c, Illogan	6	U	
3000 Wheal Boys, t, Redruth	9 3	6	5/2 5 54
50000 Wheal Castle, c, t, St. Just	0	D	114 11/11
12000 Wheal Coates, t, St. Agnes		U	14 16.0
2400 West Wheal Scion, c, Oamborner 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	0	U	
50000 Wheal Elizabeth, t, Cornwall		0	1%. 1 19
15000 Wheal George, * l, bl, Carnarvon	0	U	Proper
12288 Wheal Jane, t, Keal 12000 Wheal Jewell, c, St. Hilary	0	0	X X X
25000 Wh. Hony and Trelawny, s-i, Lisk.	0 5	6	
12000 Wheal Lusky, t, Callington	3		29 28 26
30000 Wh.Silver & Lanteglos, *s-l, Camelfd.	3	0	8 7 8
2000 When Sisters t Leight	10	0	1½1½ 13 1½1 1½
4096 Wheal Uny, t, c, Redruth 1	5 19	6	314 314 31
4000 Yeoland Consols, *t, Devonshire	1 0	6	1 1/4 1 1/6 1/18 1/4
	. 0	V	78 1/18 1/s
bl, blende; c, copper; g, gold; l, lead;	, sil	ver:	al. slate

bl, blende; c, copper; g, gold; t, lead; s, sliver; sl, slate s-t, sliver-lead; t, tin; z, zinc; t, iron; d, arsenic.
*Limited Liability Companies; t quoted on the Stock Excange [have paid livelends.

NON-DIVIDEND FOREIGN MINES; FOREIGN AND MISCELLANEOUS STOCKS; TRAMWAYS; INSURANCE COMPANIES; GAS, IRON AND COAL, WAGON COMPANIES, &c.

\$4880 Anglo-African, "d, Kimberley," 1 12000 Arendal, c, Norway 1 12000 Arendal, c, Norway 1 12000 Brazilian, g, Brazil 12000 Brazilian, g, Brazil 12000 Brazilian, g, Brazil 12000 Brazilian, g, Razil 12000 Brondway, "g, California 1 10000 Buena Ventura, "t, Spain (fy.pd) 1 10000 Buena Ventura, "t, Spain (fy.pd) 1 10000 Canada, "g Venezuela 1 10000 Canada, "g, Venezuela 1 10000 Canada, "g, W, "Canadat 1 10000 Canada, "g, W, "Canadat 1 10000 Chier, "g, Venezuela 1 10000 Chier, "g, W, wore 1 10000 Chier, "g, M, wore 1 10000 Chontales, g, a, Nicar, "f(98000 iss) 1 10000 Chontales, g, a, Nicar, "f(98000 iss) 1 10000 Colombian Hydraulic, g, Colombia 8 10000 Colombian Hydraulic, g, Colombia 8 10000 Devala Central, "g, Wynaad 1 10000 Devala Central, "g, Wynaad 1 10000 Digley Dell, "g, Devala, India 1 12500 Don Pedro North del Rey 1 10000 Digley Dell, "g, Devala, India 1 10000 Eureka, "s, Nevada 1 10000 Eureka, "s, Nevada 1 10000 Gold Hill, "g, North Carolina 1 10000 Gold Mill, "g, North Carolina 1 10000 Gold Mill, g, North Carolina 1 10000 Hultafall, *l, *l, Orebro, Sweien 1 10000 Hultafall, *l, *l, Orebro, Sweien 1 10000 Indian Consolidated, "g, Wynaad 1 10000 Indian Canadiated, "g, Wynaad 1 10000 Indian Phenix, "g, Wynaad 1 10000 Indian Phenix, "g, Wynaad 1 10000 Javall, g, Nicaragua 1 10000 Javall, g, Nicaragua 1 10000 Javall, g, Nortagau 1 10000 Javall, g, New Zealanu 1	000	2016 15 00 15 00 00 00 00 00 00 15 00 00 00 00 00 00 00 00 00 00 00 00 00	0 0 0 0 0 0 0 0	36 36 36 36 36 36 36 36 36 36 36 36 36 3	3 ³⁶ 56 56 56 36 36 36 36 36 36 36 36 36 36 36 36 36
180000 Akankoo,* g, Gold Cst.(100000 les.) 44880 Anglo-African,* d, Kimberley,†	10 1152 1145111010 11011 1111	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0	236 36 36 36 36 36 36 36 36 36 36 36 36 3	3 54 54 54 54 54 6 54 6 54 6 54 6 54 6 5
30000 Caliso Bis,"g, Venezueia 15000 Canada," g 2500 Canada, g 2500 Central Jagersfontein Diamond". 20000 Cherambadi (Wynaad) District," g 20000 Cherambadi (Wynaad) District," g 20000 Chile," g, Venezueia 108749 Olonitades, g, s, Nicar." (18000 Iss) 75000 Colorr, g, Mysore 75000 Colorrbian Hydraulic, g, Colombia 88000 Cootacovil," g, Wynaad 100000 Devala Moyar, "g, Wynaad 100000 Devala Moyar, "g, Wynaad 100000 Devala Moyar, "g, Wynaad 100000 Dingley Dell," g, Devala, India 100000 Dingley Dell," g, Devala, India 100000 Eureka," s, Nevada* 100000 Eureka," s, Nevada* 100000 Flagstaff District," s, G, Utah 100000 Flagstaff District," s, G, Utah 10000 Gold Hill," g, North Carolina 20000 Gold Hill," g, North Carolina 20000 Gold Hill," g, North Carolina 20000 Great Southern Mysore, g 120000 Indian Consolidated," g 20000 Indian Phomix," g, Wynaad 100000 Indian Promix," g, Wynaad 100000 Indian Phomix," g, Wynaad 100000 Indian Phomix, g, Wynaad 100000 Indian Phomix, g, Wynaad 100000 Indian S, g, California	152 1145111010 11011 1111	000000000000000000000000000000000000000	0	5% % in 14 1/10 1/10 1/10 1/10 1/10 1/10 1/10 1	3/4 9/10 3/4 9/10 3/10
15000 Canada, g #2500 Canada, g #2500 Central Jagersfontein Diamond #26000 Cherambadi (Wynaad) District, g #260000 Chite, g, Venezuela #260000 Chite, g, Venezuela #26000 Colontales, g, A, Nicar.*! (98000 iss) #26000 Colontales, g, A, Nicar.*! (98000 iss) #26000 Colontales il ydraulic, g, Colombia #26000 Colontales il ydraulic, g, Colombia #26000 Devala Central, g, Wynaad #26000 Devala Moyar, g, Wynaad #26000 Devala Moyar, g, Wynaad #26000 Dingley Dell, g, Devala, India #26000 Dingley Dell, g, Devala, India #26000 Dingley Dell, g, Devala, India #26000 Eucha, g, Nevada #26000 Flagstaff District, g, Utah #26000 Gold Hill, g, North Carolina #26000 Gold Mining assn. of Canada #26000 Indian Consolidated, g #26000 Indian Crusolidated, g #26000 Indian Trevelyan, g, Wynaad #26000 Indian J. g, Sociliornia	145111010 11011 1111	000000015000000000000000000000000000000	0 0 0 0 0	5% % in 14 1/10 1/10 1/10 1/10 1/10 1/10 1/10 1	3/4 9/10 3/4 9/10 3/10
120000 Devala Central, "g, Wynaad 100000 Devala Myar, "g, Wynaad; 75000 Devala Myar, "g, Wynaad; 100000 Dingley Dell, "g, Devala, India 125000 Den Pedro North del Rey" 205168 Eberhardt, s, Nevada* 100000 Exchequer, g, s, California* 100000 Exchequer, g, s, California* 100000 Flagstaff District, "s, g, Utah 100000 Gold Coast, "g, Wassau 100000 Gold Hill," g, North Carolina 200000 Gold Mining asen of Canada* 75000 Great Southern Mysore," g 120000 Hidsfall, "i, bi, Orebro, Sweiten 10000 Indian Consolidated, "g 10000 Indian Consolidated, "g 10000 Indian Trevelyan," g, Wynaad; 100000 Indian Trevelyan," g, Wynaad; 100000 Indian Trevelyan," g, Wynaad; 100000 Indian Trevelyan, "g, Wynaad; 100000 Indian Trevelyan," g, Wynaad; 100000 Indian Trevelyan, "g, Wynaad; 100000 Indian Trevelyan," g, Wynaad; 100000 Indian Trevelyan, "g, Wynaad;	10 11 11 11 11 1	000000000	O O O O	1/10 1/10	3/16
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205168 Eberhardt, s, Nevada*1 55000 Eureka, s, Nevada 100000 Eureka, s, Nevada 100000 Eureka, s, California*1 50000 Flagstaff District, s, s, Utah 100000 Gold Goast, s, Wassau 100000 Gold Hill, s, North Carolina 250000 Gold Mining assn. of Canada* 75000 Great Southern Mysore, s 120000 Hoover Hill, s, North Carolina 120000 Hutafall, s, to Crobro, Sweisen 400000 Ind. Glenrock, s, Wynaad† 50000 Indian Phonix, s, Wynaad† 150000 Indian Trevelyan, s, Wynaad† 150000 Indian California* 150000 Lobelle, s, s, California* 150000 Lobelle, s, s, California*	1	0	0		36
15000 Great Southern Mysore, "g		0	0	1/10	3/14
400000 Indian Consolidated, 9 240000 Ind. Glenrock, 9, Wynaadi 50000 Indian Phenix, 9, Wynaadi 150000 Indian Trevelyan, 9, Wynaad 150000 Isabelle, 9, 2, California 100000 I.X.L., 9, 2, California	1	0000	0	1	1%
50000 Javali, g, Nicaragua"	5	000	0		%
50000 Javali, g, Nicaragua"	1111111		0	1/16 1/16	%/16 %/16 %/16
	2 1 1	. 00	0	34	
\$5000 London and California a*if	2	0	0		-/10
135000 Madras, g, Mysore	1011	0000	0	3/6	34
78500 New Emma, s, Utah	1	000	0	176	23/8
15000 Norway, c, dalsonon and Radon. 200000 Nouv. Monde, g, Ven. (an com.) 1. 100000 Nundydroog, g, Mysore	111	000	0 0		36
150000 Olathe, * s-i, Leadville, Colorado 135000 Ooreguin, * g, Mysore	1011	00200	6	11/4	3/16 2 136
100000 Pestarena United, g, Italy 1 100000 Pierre d'U, g, Spain 1 100000 Pierre litte* (20000 pref.)	3	00000	0 0 0	51	
90000 Rhodes Reet, g, Wynaad1	1 1 2	000	0	1/10	3/10

NON-DIVIDEND FOREIGN	MIN	ES	NON-DIVIDEND FOREIGN MINES—continued.
Shares.	Pard	t. Clos. pr.	Shares, Paid, Clos. pr. 34022 San Pedro, c, Chili
150000 Akankoo, "g, Gold Cst.(100000 iss.) 64880 Anglo-African, "d, Kimberley, 1 12000 Arendal, c, Norway 8,000 Asia Minor," s-t, Lidjessy, Sivas	0 15	0 36 36 0 236 3 0 36 56	120000 Santa Cruz, ** (ex. 10s. retd. csp.) 1 0 0 \(\frac{1}{3} \) \(\fr
40000 Brazilian, g, * Brazil 200000 British Australian, * g, N. So. Wales 18000 Broadway, * g, California. 10000 Buena Ventura, * t, Spain (fy.pd)	2 0	0 0 0	10000C South-East Wynard, g, India 1 1 0 0 % 16 5000C Tannus, "-4, c, Germ.(& 100,000pf.) 1 0 0 10000C Tompilla," c, Bolivia
30000 Calaco Bis, "g, Venezuela 15000 Canada," g 25000 Canadian, e, sui," Canada! 20000 Central Jagersfontein Diamond" 900000 Chite," e, Venezuela 108749 Chontales, g, s, Nicar." (198000 iss) 75000 Colar," g, Mysore 75000 Colarobian Hydraulic, g, Colombia 85000 Cootacovii, "g, Wysoaa	1 0 0 15 1 0	0 34 34 0 34 34 0 34 34 0 34 34 0 34 34 0 34 34	10000 Virneherg, c, Rheinbreitb., Ger.*. 2 0 2 20000 Virneherg, c, Rheinbreitb., Ger.*. 2 0 2 4 1½ 20000 Victoria, c, Venezuela 1 0 0 ½ ½ 10000 West Frutno & Boliv., c, Colombia 1 0 0 ½ ½ 100000 Wynad District, c, Jinilia 1 0 0 20000 Wynad District, c, c, Inilia 1 0 0 ½ ½ 20000 Wynad District, c, Jinilia 1 0 0 ½ ½ 20000 Wynad Perseverance, c, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 ½ 20000 Wynad District, c, So. Australiat 1 0 0 20000 Wynad District, c, So. Australiat 1 0 0 20000 Wynad District, c, So. Australiat 1 0 0 20000 Wynad District, c, So. Au
120000 Devala Central, * g, Wynaad 100000 Devala Moyar, * g, Wynaad 75000 Devala Provident, * g, Wynaad 1 10:0000 Dingley Dell, * g, Devala, India 125000 Don Pedro North del Rey *	-	0 1/16 3/16 0 1/16 3/16 0 1/16 3/16	-INSURANCE COMPANIES. Issus. Shores. 10000 100 Atliance British and Foreign 11 36 35
205168 Eberhardt, s, Nevada*†	1 0 1 0 1 0	0 1/18 1/14 0 1/18 1/14 0	10000 100 Ditto, Marine 20 22 24 50000 20 British and Foreign Marine L. 4 20 21 550000 50 Commercial Union 5 19 20 50000 50 Eagle 5 5 5 6 4 5000 20 Globe Marine L. 11 3 1 4 27500 100 Imperial Life 10 22 24 11 3 4 1 4 1 1 1 2 2 2 4 1 1 1 1 1 1 1 1 1
65000 Gold Coast," g, Wassau 140000 Gold Hill," g, North Carolina 220000 Gold Mining Assn. of Canada" 75000 Great Southern Mysore," g	1 0	0 1 1½ 0 1 1½	100000 10 Lion Fire[L]
12000 Hoover Hill, g, North Carolina 12000 Hultafall, s, bt., Orebro, Sweien 400000 Indian Consolidated, g 400000 Ind. Glenrock, g, Wynaad 50000 Indian Phenix, g, Wynaad 150000 Indian Trevelyan, g, Wynaad	1 0	0 1/16 %/16 0 1/16 %/16 0 1/16 %/16 0 1/16 %/16	50000 20 London and Provincial Marine 2 436 8 10000 100 Marine
100000 1.X.L., g, s, California.	1 0	0 1/16 3/16 0 1/16 3/18	50000 10 Maritine 2 5% 5% 5% 40000 55 North British and Mercantile 5% 25 27 30000 100 Northern 10 47 49 40000 25 Ocean Marine 6 6%
50000 Javali, g, Nicaragua* 100000 Kapanga,* g, New Zealana 100000 Kohincor,* s, Colorado 55000 London and California, g*iI	1 C 1 C	0 36 56 0 1 11/16	- Phonis - 245 255 200000 10 Queen 1 2 2½ 3 100000 10 Kinilway Passengers 29a 6½ 7½ 200000 50 Rock Life 56 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
135000 Madras,* g, Mysore	1 0 1 6 10 0 1 0	0 0 0 • ½ ¾	50000 10 Sea
75000 New Callao, g, Venezuela	1 0 1 0 1 0	0 1% 2% 0 1% 2%	_
15000 Norway, c, dalsönön and Radön, 200000 Nouv. Monde, g, Ven. (en com.); 100000 Nandydroog, g, Mysere 	1 0	0 3/10 3/10	MISCELLANEOUS, Shares, Company, Pind, Price, 10 Anglo-American Brush
125000 Ooregum, g, Mysore 3000 Orrgon, g, Oregon, U.S. (prf. sb.) 15000 Organos, g, Colombia 20000 Orita, g, Colombia	0 2	0136 2 0136 136	10 Ditto do
2000 Pestarena United, g, Italy*† 10000 Pierre d'Or, g, Spain 8000 Pierreitte* (2000 pref.) 10000 Placerville, g, q, California 24900 Potosi,* Venezuelat	1 0 1 0 1 0	0 0 0 0 56 36	5 Hammond Elect. L. & P. Sup. 2 10 25, 234xd. 5 Indian and Oriental Electric 2 0 34 34 10 John Vernon Hope & Co 5 0 55/2 5/4 10 Ditto, preference
40000 Ravenseliff, g, N. Zind; c, S. Aust. 90000 Rhodes Reet, g, Wynadd 25000 Rico, s, Colorado (novass-ssable).	1 0	0 1/18 3/18	5 Pilsen Joel Electric 2 0 1/4 3/4
100000 Rossa Grande. g. Brazil*† (£) ab.).	1 0	0	8tk. Ditto 5 per c. guar. pref106 0 130 135 8tk. Ditto 5 per c. guar. pref100 0 11 115 5 Swan United Electric
25202 Ruby and Dunderberg, g, Nev. *1	10 0	0 1 1%	1 Zoedone [L] 1 0 1/18 1/18

NON-DIVIDEND FOREIGN MINES-continued.

	IRON	AND	COAL	COM	PAN	IES.		
Shares.	bbot, Joh	Compan	y.	Par		P	ice.	
5 A	lltami Co	lliery C	o. [L]	. 2 15	0			
100 A	shbury Co	[L] (n	ew)	90	0	31	33	
3 B	agnall, Jo	hn. and	Sous IL	1 3	0			
10 B	enhar Coa	1 Co. [1	1	10	0			
30 B	ilbao River	a Cant	abrian R.	Jo. 10	0	5	51/6	
50 B	olekow, Vi rown, Bai	leg and	i Dizon	L1 40	0	121/2	13%	
ICO B	rown, Joh	n, and	Co. [L]	75	0	59	62	
100 C	ammell at	d Co. L	L]	80		69 14	70	
10 C	annock & F entral Sw	lunting	ton Coal	L) 10	0	10%		dia
50 C	harlton Ir	on Co	T.	L] 10	0	3	336	
50 C	hatterley	Iron Co	. [L]	50	0	634	7	
10 C	hillington	Iron C	o. [L]	10	0	114	134	
10 0	onsett Iro	n Co. [L	J	7	ıc	24	26	
20 0	onsett Spa	nish Oi	re [L]	1	0	2	21/2	
50 D	arlington avy Broth	Iron C	o. [L]	18	10	276	436	
	bbw Vale					734	814	pin
8 G	eni. Minin	or Ass. f	Ll(ful.p	1.) 8	0	514	514	
50 K	nowles, A	ndrew.	and Co.	L1 25	0	814	834	
20 L	ynvi and	Tondu	[L]	20	0	534	6	
10 L	vdnev & W	igpool	Iron Ore	L1 9	12	. 1/6	1 1/6	
10 M	idland tro	on Co.	Logi Co	T. 10	0	1%	2	pm
4 M	wyndy ir	on Ore	[L]	3	15	34	1	
100 N	aut-y-Glo	& Blain	a(8p.c.p	f.)100	0	53	5314	
3 N	erbudda (loal and	I Iron [L	25		13/6	11/4	
35 P	ewport Ab	inhide	A Iron	L) 10	0	2754	28	
100 P	arkgate lr	on Co.	[L]	65	0	69%	70%	
20 P	atent Nut	and Be	[J] 3fe	14	0	23 1/4	2434	
50 P	earson and	Know	les, A,	50	0	4214	45	
5 R	eisali Coal hymney I	and Ir	on [L]	20	0	11%	1234	
10 8	indwell Pr	rk Coll	iery Co.	L) 10	0	11%	12%	
100 8	notts Iron	Co. [L		100	0	42 1/4	45	
25 81	neepbridge	e Iron a	und Coal	[L] 20	0	834	916	
50 81	ikstone&	Dodw.C	a. a Iron	L) 45	0			
100 B	taveley Ire	on and	Coal Co.	L) 60	0	64	65	
100 D	itto	ditto	В	10	0	115%	1176	
5 T	resside Iro	m & En	gine Wo	rks 5	0	134	156	
50 Tr	redegar ir	on and	Coal, A	T] 30	0	241/6	25	
10 V	ancouver	Coal [L	В	25	0	234	3	
25 W	.Cumberi	and Iro	n & Steel	[L] 20	0	11	1136	

		BANKS.	
Issue.	She	tres. Pd. C	les. pr.
100000	10	Agra [L]all 10	
20000	20	Anglo-Egyptian Banking [L] ail 1	936 2036
30000	40	Bank of Australasia all 8	4 86
12500	20	Bank of British Columbia all 23	
120600	50	Bank of British North America all 56	
10000	25	Bank of Egypt all 25	
50000	20	Bank of New South Wales all 6	
100000	10	Bank of New Zealand all 26	8 27
25000	25	Bank of South Australia all 4	1 43
120000	50	Bank of Victoria 25 3	
40000	20		21/2 231/4
30000	25	Ch. Merc, of Ind., Lond., China, all 1	6 17
20000	100	Cotonial 30 6	
50000	20	English Bk. of Rio de Janeiro [L] 16 1	144 15%
60000	25	London and River Plate [L] 10 1	4 36 15
60000	7	London and San Francisco [L] all	7 736
0000c1	20	London Chartered of Australia all 2:	316 2436
100000	10	National Bank of N. Zealand [L] 356	356 4
60000	25	Oriental Bank Corporation ali 1	5 16
12500	10	Queeusland National (L) 6 1	(% 11%
140:00	100	Studen, of 8 uth Africa (L) 25 4	5 47
150000	25	Union of Australia all 7	72

GAS COM	PANIES.
Issue. Shares,	Pd. Clos. pr.
5000 20 Halifa [L]	all 21 /2
SIUUUU 5 Hombay [1.]	-11 0 016
10000 5 Ditto, New [L]	4 114 5
10000 5 Ditto, New [L] 29700Stk Breutford Cousoil	dated 100 174 179
14000 20British	all 39 41
50000StkCommercial	100 208 212
20000 20 Coutinental Unio	n [6] ail 27 4 814
	1869, 1872 14 18 19
10000 20 Do. do. 7 per et	L. Preference all., 27 28
23406 10European [L]	All 19 20
94850 Stk Gaslight and Cok	o A (had 100 189 109
284200 Btk Do. 4 per cent.	Data Stook 100 104 109
5000 10 Hong Kong and C	1500, Stock100 107 107
2 300000 . Stk [mperial Contine	100 108 242
186500 Stk London	100 215 220
12000 5 Malta & Mediterra	anean [L] all 236 236
100000 Metrop, of Melbot	mune o a Deb
25000 20 Monte Video [L]	all., 151/2 181/2
	all 3½ 4½
30000 5Oriental [L]	all 71/ 71/
27500 20Rio de Janeiro [L	11 2314 4
500000 Stk South Metropolite	100 218 13
50000 8 k Ditto, ditto	D 100 193 194
bitto, dicto	. B
TRAMV	VAVS
Issue, Shares.	Pd. Clos. pr
10000 10 Paradaya (1)	[L] all 5% 6
10000 10Barcelona [L] 7140 10Belfast Street Tra	mways all 7% 18
3050 10Birkenhead, Ordi	inways
	nary all 1 2
3000 10 Ditto, 6 per cen 3290 10Bristol [L]	t. Preference., al 6
25000 10Bordeaux Tram &	Omuibus [L], all10 10
3200 10 Chester [L]	Omnious [L.]. allto 10
	9 10
14690 10Edinburgh Street	
16000 10Edinburgh Street	
35000 10Glasgow Framwa	y & Omni. [Lj. 915%16
10000 10 Hughes Loce, and	train. works, all 9 910
7500 10 Hull Street Train	WAY Toursessesses all the

	the state of the s
24000	. 10Dublin
14690	. 10Edinburgh Street Tramways ali10
35000	. 10Glasgow Trainway & Oinni. [Lj. 9157
£0000	. 10 Hughes Loco, and Train, works, all
7500	. 10 Hull Street Tramways all 9
7500	. 10Imperial [L]all X
34000	10 Hull Street Tranways all 11 12 12 13 3 3 3 3 10 Liverpool Unit. Tram & Om. [L] all 8 10 London [L] 8 10 London [L] 8 10
25000	10Lordon [L] ali
15000	. 10London Street Tramways ali15
60000	. 10North Metropolitan all16 %
8000	. 10 Nottingham and District [L] ali 5%
15947	. 10 Provincial [L] all 3%
6000	10 North Metropolitan ali 16 10 North Metropolitan ali 16 10 North Metropolitan ali 16 10 Provincial L ali 18 10 Provincial L ali 18 10 Sheffield ali 44 44 44 44 44 44 44
10000	. 10 8wansea [L]
16500	10Tramways of Germany [L] all105
400000	. Tramways Union (L)
7200	. 10Wolverhampton [L] all
	TELEGRAPH COMPANIES.
Shares	
Stk. A	ngio-American
10 F	tratition Submarine 10 0
10 6	hiba 10 U 10 '
10 7	Manut Sananiah 9 0 5%

har	TELEGRAPH COMPANIES	Clos. pr.
nar	68.	sn 51
tk.	Anglo-American100 0	1074 1386
10	Brazilian Submarine 10 0	1278 1016
10	Cuba 10 0	10 1076
10	Direct Spanish 9 0	5% 0%
90	Direct United States Cable 20 0	1236 1278
		10% 11
10		12 12%
10		934 10%
10		1234 13
10	Great Northern 10 0	21 14 3214
95	Indo-European	234 936
10	London Piatino Brazilian 10 0	074

by Henry English (the proprietors), a 18, Fleet Street, E.C., where all committee requested to be addressed.—May 28 1835.

No.

FIRST SILV

"GOR

FIRS:

SILV

MEDA MININ

INSTITU OF

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Prices and

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